



**Test Report
(SVHC)**

No.: EBO2301091-C304

February 7, 2023

Page 1 of 29

LIAOYANG BAILE HEALTH CARE PRODUCT CO., LTD.
NO.160-1 LIAOAN ROAD, LIAOYANG CITY, LIAONING PROVINCE, CHINA

The following sample(s) was/were submitted and identified on behalf of the applicant as:

MASSAGERS

EBO Job No.: EBO2301091-C304

Model No.: Please refer to next page.

Date of Sample Received: January 31, 2023

Testing Period: January 31, 2023 To February 7, 2023

Test Requested: As requested by client, SVHC screening is performed according to:

Two hundred and thirty-three (233) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) on and before January 17, 2023 regarding Regulation (EC) No 1907/2006 concerning the REACH.

Test Method: Please refer to next page(s).

Test Result(s) : Please refer to next page(s).

Summary:

According to the specified scope and analytical techniques, concentrations of tested SVHC are $\leq 0.1\%$ (w/w) in the submitted sample.

PASS

Signed for and on behalf of

Kevin Wang

Kevin Wang



EBO assures objectivity and justness of the test, and fulfill the duty of confidentiality for applicant's information. Applicant should undertake responsibility for the authenticity of submitted sample and information. The result(s) shown in this report refer only to the sample(s) tested. The test results only reflect the evaluation of the sample under test and are not authorized for other purposes. EBO do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise. This report is invalid without signatures of approver and special seal for inspection of EBO, or it has been reproduced in full or part. This report shall not be published as advertisement without the approval of EBO. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. This document is issued by the company under its General Conditions of Service accessible at <http://www.ebotest.com/zjyb/318.html>.



**Test Report
(SVHC)**

No.: EBO2301091-C304

February 7, 2023

Page 2 of 29

Model No.:

BI-014905, BI-210209, BI-210179, BI-014563, BW-069004, BI-014320, BI-014731, BI-014732, BI-014563-1, BW-069004-1, BI-014324, BI-014722, BI-014733, BI-014560, BI-014601, BI-014711W, BI-014717, BI-014734, BI-014560-1, BI-014601-1, BI-014708, BI-014718, BI-014735, BI-014561, BI-014635, BI-014700W, BI-014719, BI-014736, BI-014561-1, BI-014635-1, BI-014654, BI-014720, BI-014737, BI-014547, BI-014580, BI-014609W, BI-014721, BI-014714, BI-014547-1, BI-014581, BI-014609W-1, BI-040078W, BI-014715BLT, BI-014547-4, BI-014588, BI-014653, BI-040076, BI-014681, BI-014547-3, BI-014584X, BI-014653-1, BI-210203, BI-014705, BI-014547-5, BI-014584X-1, BI-014656, BI-210204, BI-014706, BI-014547-6, BI-014533, BI-014656-1, BI-210205, BI-040077, BI-014547-7, BI-014571, BI-014647W, BI-210206, BI-014695, BI-014564, BI-014571-2, BI-014595W, BI-026235, BI-014696, BI-014564-1, BI-014571-1, BI-040073W, BI-026236, BI-014697, BI-014564-2, BI-014507, BI-040066W, BI-014707, BI-014693, BI-014738, BI-014507-2, BI-014548, BI-014716, BI-014701, BI-014739, BI-014507-1, BI-014548W, BI-014596, BI-014702, BI-014726, BI-014513, BW-008097X, BI-014597, BI-040067, BW-069006, BI-014513-1, BW-008087N, BI-014598, BI-040067-1, BI-014692, BI-014513-2, BW-008091N, BI-014599, BI-014663, BI-014727, BI-014534, BW-008092N, BW-012011, BI-014593, BI-014728, BI-014534-1, BW-008093N, BI-014648, BI-014593-1, BI-014729, BI-014534-2, BW-008094N, BI-014648-1, BI-014676, BI-040079W, BI-014542-2, BW-008072ZSY, BI-014661, BI-014676-1, BI-014730, BI-014542-1, BW-008073ZSY, BI-210200, BI-014640, BI-014723, BW-072001, BW-008074ZSY, BI-210192, BI-014640-1, BI-014724, BW-072005, BW-008041ZSY, BI-210198, BI-040069, BI-014725, BW-072006, BW-008017ARSY, BI-210199, BI-040069-1, BW-069005, BW-022056N, BW-008017BRSY, BI-014629, BI-014650, BI-014712, BW-037351-2, BM-00900T54S, BI-014630, BI-014650-1, BI-014713, BI-014473W-2, BM-00900T54S-1, BI-014631, BI-014650-2, BI-014709, BI-014578W, BM-00900T54, BI-014501, BI-014612, BI-014710, BI-210150, BM-00900T54-1, BI-014501-1, BI-014612-1, BI-014666, BI-210151, BM-009132U, BI-014605, BI-014613, BI-014667, BI-210190W, BM-009154U, BI-040065, BI-014613-1, BI-014694, BI-014576W, BM-009155U, BI-040065-1, BI-014610, BI-014668, BI-014577, BM-009156U, BI-040068, BI-014610-1, BI-014623, BI-014587, BM-009157U, BI-040068-1, BI-014611, BI-014624, BI-014465, BM-009158U, BI-014515, BI-014611-1, BI-014625, BI-014125, BM-009215U, BI-014515-1, BI-014616, BI-014626, BI-014136, BM-009216U, BI-014505, BI-014616-1, BI-014633-1, BI-014145, BM-009217U, BI-026234, BI-014617, BI-014602, BI-014145-1, BM-009218U, BI-014539, BI-014617-1, BI-014622, BI-014147, BM-009219U, BI-014153-1, BI-014606, BI-014622-1, BI-014148, BM-009220U, BI-014541, BI-014606-1, BI-014651, BI-014171, BM-009221U, BI-014540, BI-014607, BI-014651-1, BI-014210, BW-022051, BI-210181, BI-014607-1, BI-014651-2, BI-014240, BW-022052, BI-210183, BI-014358-1, BI-014639, BI-014241, BW-022053, BI-210184, BI-014432-1, BI-014639-1, BI-014245, BM-009213Z, BI-210185, BI-014495-1, BI-014644, BI-014255, BM-010067APL, BI-210156, BI-067002-1, BI-014603, BI-014430, BM-010093PL, BI-210170, BI-067003-1, BW-069003, BI-014449, BM-010066D, BI-210169, BI-014313-2, BW-069003-1, BI-014032, BM-010066BPL, BI-210161, BI-014281-1, BI-014620, BI-014034, BM-010088PL, BI-210171, BI-014359-1, BI-014620-1, BI-014035, BI-210207, BI-210172, BI-014546, BI-014621, BI-014035A, BI-210208, BI-210174, BI-014546-1, BI-014621-1, BI-014046, BI-014057, BI-014058, BI-014072W,

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**Test Report
(SVHC)**

No.: EBO2301091-C304

February 7, 2023

Page 3 of 29

BI-014129HP, BI-014132, BI-014132-1, BI-014181, BI-014182, BI-014183, BI-014189, BI-014236, BI-014236-1, BI-014271, BI-014331, BI-014333, BI-014362, BI-014362W, BI-014368W, BI-014368W-3, BI-014369HP, BI-014370, BI-014374W, BI-014374W-1, BI-014377W, BI-014377W-1, BI-014403W, BI-014404W, BI-014405W, BI-014406W, BI-014415HP, BI-014415W, BI-014418W, BW-022045W, BI-014131, BI-014131-1, BI-014131-2, BI-014190, BI-014237, BI-014237-1, BI-040045W, BI-040052W, BI-014368-3, BI-040045, BI-040053, BI-014362W-9, BI-014447, BI-014466, BI-014482W, BI-014484W, BI-014485W, BI-014477W, BI-014477HP, BI-014478W, BI-014479W, BI-014487W, BI-014362W-3, BI-014362W-4, BI-014362W-5, BI-014362W-6, BI-014362W-10, BI-014362W-11, BI-014362W-13, BI-014525W-5, BI-014525-2, BI-014362HP-1, BI-014430W-1, BI-014519, BI-014500W, BI-014508W, BI-014582W, BI-014582HP, BI-014525, BI-014525-1, BI-014527, BI-014555, BI-014583W, BI-014584X, BI-014585, BI-014586, BI-014590, BI-014591, BI-014592, BI-014593, BI-014594W, BI-014595W, BI-014532, BI-014473W, BI-014525-3, BW-004001, BW-004101, BW-004102, BW-004103, BW-004104, BW-004105, BW-004106, BW-004107, BW-004108, BW-020001, BW-020001A, BW-020003, BW-020003A, BW-020004, BW-020004A, BW-020005, BW-020006, BW-020007, BW-020008, BW-020009, BW-020010, BW-020011, BW-020012, BW-020014, BW-020024, BW-020025, BW-020027, BW-020031, BW-020032, BW-020033, BW-020236R, BW-020521R, BW-020525R, BW-020531R, BW-020534R, BW-020535R, BW-029523R, BW-029533R, BW-029534R, BW-033785, BW-037003, BW-037009, BW-037010, BW-037011, BW-037012, BW-037013, BW-037017, BW-037020, BW-037021, BW-037021A, BW-037022A, BW-037023, BW-037025, BW-037026, BW-037027, BW-037028, BW-037029, BW-037030, BW-037031, BW-037034, BW-037037, BW-037038, BW-037201, BW-037202, BW-037203J, BW-037251, BW-037252, BW-037301, BW-037302, BW-037302J, BW-037303, BW-037351, BW-037352, BW-037501, BW-037501J, BW-037502, BW-037551, BW-037552, BW-043001, BW-043005, BW-043006, BW-043007, BW-045001, BW-045002, BW-046201, BW-046202, BW-046203, BW-046431, BW-046432, BW-046433, BW-046434, BW-046435, BW-046451, BW-046452, BW-046453, BW-057001, BW-057002, BW-058001, BW-058002, BW-058003, BW-058005, BW-058006, BW-058007, BW-058008, BW-063001, BW-063003, BW-063004, BW-063008, BW-065005, BW-020536R, BW-037035, BW-037036, BW-037039, BW-062001, BW-062003, BW-062005, BW-063002, BW-037351-1, BW-008097X, BW-022050, BI-014530, BI-006078, BI-006079, BI-014111-2, BW-008078AQ, BW-008080X, BW-008081X, BW-020017, BW-020018, BW-020030, BW-037001A, BW-037014, BW-038001, BW-047002, BW-047003, BW-048001, BW-048002, BW-048003, BW-048004, BW-051003, BW-051009, BW-061009, BW-062002, BI-014186, BM-00900T27N, BM-00900T27N-1, BM-00900T27N-2, BM-00900T27Z, BM-00900T27Z-1, BM-00900T27Z-2, BM-00900T29Z, BM-00900T29Z-1, BM-00900T30Z, BM-00900T30Z-1, BM-00900T31Z, BM-00900T31Z-1, BM-00900T31Z-2, BM-00900T32, BM-00900T33, BM-00900T34, BM-00900T35, BM-009033, BM-010066, BM-010066A, BM-010066B, BM-010067, BM-010067A, BM-010088, BM-010092, BM-010093, BM-010095, BM-010096, BM-010099, BI-014091, BI-014091-1, BI-014091-2, BI-014091-3, BI-014091-5, BI-014091-6, BI-014091-7, BI-014096, BI-014096-1, BI-036019, BI-035012, BM-00900T36, BM-00900T37, BM-00900T38, BM-00900T46Z, BM-00900T46Z-1, BM-00900T46S, BM-00900T46S-1, BM-00900T46N, BM-900T46N-1, BM-00900T47Z, BM-00900T47Z-1, BM-00900T47Z-2,

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**Test Report
(SVHC)**

No.: EBO2301091-C304

February 7, 2023

Page 4 of 29

BM-00900T47S, BM-00900T47S-1, BM-00900T47S-2, BM-00900T47N, BM-00900T47N-1, BM-00900T47N-2, BM-00900T43, BM-00900T48N, BM-00900T48N-1, BM-00900T48N-2, BM-00900T48Z, BM-00900T48Z-1, BM-00900T48Z-2, BM-00900T49, BM-00900T49-1, BM-00900T49-2, BM-00900T49-3, BM-00900T49N, BM-00900T49N-1, BM-00900T49N-2, BM-00900T49N-3, BM-00900T49NN, BM-00900T49NN-1, BM-00900T49NN-2, BM-00900T49NN-3, BM-00900T49NNJ, BM-00900T49NNJ-1, BM-00900T49NNJ-2, BM-00900T49NNJ-3, BM-00900T50, BM-00900T50-1, BM-00900T50-2, BM-00900T50-3, BM-00900T52N, BI-010125R, BI-014091-8, BI-014096-2, BM-009150H, BM-009154H, BM-009023Z-1, BM-009107Z-1, BM-009113Z-1, BM-009115Z-1, BM-009022Z-1, BM-009039Z-1, BM-009190Z-1, BM-009141Z-1, BM-009173Z-1, BM-009175Z-1, BM-009131Z-1, BM-009194K, BM-009196K, BM-009198ZK, BM-009199ZK, BM-009200K, BM-009201K, BM-009202K, BM-009205K, BM-009206K, BM-009207K, BM-009208K, BM-009209K, BM-009210K, BM-009211K, BM-009212K, BM-009204Z-1, BM-00900T45, BM-00900T45-1, BI-014107, BI-014107-1, BI-014107-2, BI-014109, BI-014109-1, BI-014123, BI-014123-1, BI-014139, BI-014140, BI-014140-1, BI-014141, BI-014168, BI-014169, BI-014170, BI-014175, BI-014176, BI-014177, BI-014178, BI-014179, BI-014180, BI-014212, BI-014225, BI-014226, BI-014227, BI-014228, BI-014231, BI-014232, BI-014235, BI-014251, BI-014252, BI-014253, BI-014307, BI-014308, BI-014309, BI-014399, BI-014412, BI-014413, BI-014420, BI-069001, BI-069002, BW-037032, BW-037033, BW-052001-1, BW-052002-1, BW-052003-1, BW-052004-1, BW-053001, BW-053002, BW-053003, BW-055001, BW-055002, BW-055002A, BW-055003, BW-055003-1, BW-055009-1, BW-055009-2, BW-055010, BW-055011, BW-063005, BW-063009, BW-067001, BW-067002, BW-067003, BW-068002, BI-014433, BI-014231-1, BI-014232-1, BI-014442, BI-014443, BI-014443-1, BI-014467, BI-014467-1, BI-014468, BI-014468-1, BI-014455, BI-014453, BI-014475, BI-014480, BI-014495, BW-072001, BW-072002, BW-072003, BW-072004, BW-072005, BW-072006, BI-014572, BI-014571, BI-014507, BI-014513, BI-014534, BI-014542, BI-014533, BI-014580, BI-014581, BI-014588, BI-014601, BI-014602, BI-014603, BW-069003, MC02, MC03, MC04, MC06, MC07, MC08, MC16, MC16-1, MC17, MC17-1, MC18, MC18-1, MC19, MC21, MC22, MC25, MC-15, MC27, LKS205, LKS206, MC29, MC31, BI-010081, , BI-010081A, BI-010082, , BI-010082A, , BI-010083, , BI-010083A, , BI-010084, , BI-010084A, , BI-010132-1, BI-010133-1, BI-010148, BI-014075, BI-014076, BI-014078, BI-014079, BI-014080, BI-014081, BI-014102, BI-014103, BI-026043, BI-026200, BI-026201, BI-026201A, BI-026202, BI-026202A, BI-026203, BI-026203A, BI-026204, BI-026205, BI-026206, BI-026207, BI-026208, BI-026206-1, BI-026212, BI-026213, BI-026227, BI-026228, BI-210136, BI-210137, BI-014355, BI-210135, BI-210138, BI-210149, BI-26209, BI-26210, BI-26211, BI-26210A, BI-210140, BI-210141, BI-210142, BI-210147, BI-026215, BI-026215-1, BI-026216, BI-026216-1, BI-026218, BI-026219, BI-026220, BI-014438, BI-014437, BI-014408, BI-014409, BI-014410, BI-026223A-1, BI-026223, BI-026225A, BI-026225-1, BI-010132-2, BI-010133-2, BI-014075-1, BI-014079-1, BI-014080-1, BI-014081-1, BI-026216A, BI-040040, BI-040036, BI-040038, BI-040039, BI-014488, BI-0210152, BI-0210152HP, BI-014502, BI-014503, BI-014510, BI-014535, BI-026231, BI-026233, BI-026232, BI-210162W, BI-014545, BI-210156, BI-210170, BI-210169, BI-210164, BI-014153, BI-014153-1, BI-026234, BI-014539, BI-014548, BI-014548W, BI-014515, BI-210178,

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**Test Report
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No.: EBO2301091-C304

February 7, 2023

Page 5 of 29

BI-014596, BI-014597, BI-014598, BI-014599, BI-014600H, BI-210163W, BI-010104A, BI-014037, BI-014049-6, BI-014112, BI-014127, BI-014137, BI-014138, BI-014142, BI-014143, BI-014144, BI-014146, BI-014152, BI-036012, BI-040006, BI-040007, BI-040017, BI-040025, BI-040027, BI-014161, BI-014100, BI-014100-1, BI-014108, BI-014108-1, BI-014108-2, BI-014108-3, BI-014116, BI-014129, , BI-014155, BI-014172, BI-014173, BI-014173-1, BI-014173-2, BI-014174, BI-014187, BI-014188, BI-014191, BI-014192, BI-014193, BI-014194, BI-014200, BI-014201, BI-014202, BI-014208, BI-014216, BI-014217, BI-014218, BI-014218-1, BI-014219, BI-014220, BI-014221, BI-014222, BI-014223, BI-014224, BI-014242, BI-014243, BI-014244, BI-014263, BI-014264, BI-014277, BI-014277-1, BI-014278, BI-014278-1, BI-014279, BI-014279-1, BI-014281, BI-014282, BI-014283, BI-014284, BI-014285, BI-014287, BI-014288, BI-014289, BI-014291, BI-014292, BI-014293, BI-014299, BI-014305, BI-014306, BI-014312, BI-014313, BI-014313-1, BI-014316, BI-014317, BI-014320, BI-014327, BI-014327-1, BI-014327-2, BI-014327-3, BI-014327-5, BI-014327-6, BI-014329, BI-014330, BI-014332, BI-014335, BI-014339, BI-014340, BI-014341, BI-014346, BI-014347, BI-014356, BI-014357, BI-014358, BI-014359, BI-014360, BI-014368, BI-014386, BI-014387, BI-014388, BI-014422, BI-040028, BI-040029, BI-040031, BI-040032, BW-022045, BW-065001, BW-241016, BW-241017, BW-241020, BW-241025, BW-241028, BI-014111-2C, BI-014432, BI-014463, BI-014527, BI-040059, BI-014546, BI-014563, BI-014560, BI-014561, BI-014547, BI-014275, BI-014564, BI-014567, BI-014543, BI-014577, BI-014587, BI-014552, BI-014575, BI-014699, BI-014594, BI-014691W, BI-014690W, BI-014699WBLT, BI-014415W-3BLT, BI-014415W-4BLT, BI-014415W-5BLT, BI-014715WBLT, BI-014236-2BLT, BI-014664, BI-014716WBLT, BW-072007, BW-072010, BW-072011, BI-014744W, BI-014756, BI-040079W-MR, BI-210210, BI-014716WBLT, BI-014236-2BLT, BI-014699WBLT, BI-014742, BI-014744W, BI-040063-1, BW-072007, BW-072010, BW-072011, BW-022060, BI-014749, BI-014750, BI-014751, BI-014752, BI-014753, BI-014754, BW-008098DAQ-MR, BW-008098Q-MR, BI-210211, BI-040081W, BI-040082, BI-014759W, BI-040083W, BW-008101, BW-008102N, BI-210213, BI-210214, BM-00900T56, BM-00900T57, BI-210212HP, BI-014731HP, BI-014732, BI-014734W, BI-014733, BI-014733W, BI-014735, BI-040076W-MR, BM-00900T58, BM-00900T59, BI-210216, BI-040083HP, BI-014733HP, BI-014609HP, BI-014647HP, BI-040084, BI-014652, BI-210197, BW-010025, BW-010026, BW-010058, BI-040074, BI-014690W, BI-014699, BI-014691W, BM-00900T55-1, BM-00900T55-2, BM-00900T55-3, BI-014665, BW-066005, BI-014362-9HP, BI-014473W-3, BI-014500HP, BI-014526, BI-014527HP, BI-014547-MR, BI-014653HP, BI-014654HP, BI-014668-1, BI-014708HP, BI-014737WBLT, BI-014738-1, BI-014755, BI-014758, BI-014761, BI-014762, BI-014763, BI-014764, BI-014765, BI-014765HP, BI-014766, BI-014767, BI-014768, BI-014772, BI-014773, BI-014774, BI-014775, BI-014781, BI-014782, BI-014783, BI-014784, BI-014785H, BI-014786, BI-014787, BI-014788, BI-014789, BI-014790, BI-014791, BI-014792, BI-014793, BI-014794, BI-014795, BI-014796, BI-014797, BI-026237, BI-040045W-MR, BI-040053-MR, BI-040066W-MR, BI-040080, BI-040080HP, BI-040082-MR, BI-040085W-MR, BI-040086W-MR, BI-040088, BI-040089, BI-040090, BI-040091, BI-040092, BI-040093, BI-040096Q, BI-210214-MR, BI-210217, BI-210218, BI-210219, BI-210220, BI-210221, BI-210222, BI-210223, BM-00900T60, BM-00900T61, BM-00900T62, BM-00900T63, BM-00900T64, BM-00900T65, BM-00900T66, BM-00900T67, BM-00900T68, BM-00900T69, BM-00900T70,

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**Test Report
(SVHC)**

No.: EBO2301091-C304

February 7, 2023

Page 6 of 29

BM-00900T71, BM-00900T72, BM-009222, BM-009223, BM-009224N, BM-009225, BM-009226, BM-009227, BM-009228, BM-009229, BM-009230, BM-009231, BM-009232, BM-009233, BM-009234, BM-009235, BM-009236, BM-009237, BM-009238, BM-009239, BM-009240, BM-009241, BM-009242, BM-009243, BM-009244, BM-009245, BM-009246, BM-009247, BM-009248, BM-009249, BM-009250, BM-009251, BM-009252, BM-009253, BM-009254, BM-009255, BM-009256, BM-009257, BM-009258, BM-009259, BW-008103, BW-008104, BW-008105, BW-008106, BW-008107, BW-008108, BW-008109, BW-008110, BW-022061, BW-022062, BW-022063, BW-022064, BW-022065, BW-055012, JW-001, Z010, BI-014824W, BI-014825W, BI-014826W, BI-014827W, BI-014831W, BI-014833W, BI-014834W, BI-014463W, BI-014803W, BI-014813W, BW-022062W, BW-022063W, BW-022064W, BW-022065W, BW-022066W, BI-014843W, BI-014849W, BI-014850W, BI-014852W, BI-014853H, BI-014862W, BI-014865W, BI-014866LR, BI-014867W, BI-014868W, BI-014869W, BI-014872W, BW-001001R, BW-001004R, BW-001009R, BW-001032R, BW-001023R, BW-001071R, BW-001072R, BW-007013R, BW-008055R, BW-008015R, BW-008018BR, BW-008054R, BW-008101S, BW-008101N, BW-008037, BW-008038, BW-008039, BW-008040, BW-008041, BW-022064Z, BW-022066Z, BW-012006, BW-012008, BW-012009, BW-012010, BW-012011, BI-014832-1, BI-014832-2, BI-014832-3, BI-014832H, BW-007039R, BW-007037R, BI-014832-1, BI-014832-2, BI-014832-3, BI-014832H, BW-055013, BW-055014, MC27, MC33, MC34, MC35, MC36, MC37, MC38, MC39, MC40, BI-014776, BI-014777, BI-014805, BI-014880, BI-014881, BI-014882, BI-014883, BI-014884, BI-014807, BI-014808, BI-014823H, BI-014846H, BI-014847H, BI-014822, BI-014838, BI-014839, BI-014840, BI-014841, BI-014842, BI-014843, BI-014845, BI-040100, BI-040101, BI-040102, BI-040103, BI-040104, BI-040105, BI-040106, BI-040107, BI-040108, BI-014852, BI-014853H, BI-026225Z, BI-210236, BI-210237, BI-210238, BI-210239, BI-210240, BI-210241, BI-210242, BI-210243, BI-210244, BI-210245, BI-210246, BI-210247, BI-210248, BI-210249, BI-210250, BI-210251, BI-210252, BI-210234, BI-210235, BI-210236, BI-210237, BI-210238, BI-210239, BI-210240, BI-210241, BI-210225, BW-012011, BW-012012, BW-012013, BW-012014, BW-012015, BW-012016, BW-012017, BI-014818, BI-014844, BI-014851, BI-014836, BI-014855, BI-014858, BI-014859, BI-014860, BI-014861, BI-014862, BI-014863, BI-014864, BI-014865, BI-014866, BI-014867, BI-014868, BI-014869, BI-014870, BI-014871, BI-014872, BI-014873, BI-014874, BI-014875, BI-014876, BI-014877, BI-014877H, BI-014878, BI-014879, BI-014880, BI-014881, BI-014882, BI-014883, BI-014884, BI-014885, BI-014886, BI-014887, BI-014888, BI-014889, BI-014890, BI-026237, BI-026238, BI-026239, BI-026240, BI-026241, BI-026242, BI-026243, BI-026244, BI-026245, BI-026246, BI-026247, BI-026248, BI-026249, BI-026250, BM-00900T73, BM-00900T74, BM-00900T75, BM-00900T76, BM-00900T77, BM-00900T78, BM-00900T79, BM-00900T80, BM-00900T81, BM-00900T82, BM-00900T83, BM-00900T84, BM-00900T85, BM-00900T86, BM-00900T87, BM-00900T88, BM-00900T89, BM-00900T90, BM-00900T91, BM-00900T92, BM-00900T93, BM-00900T94, BM-00900T95, BM-00900T96, BM-00900T97, BM-00900T98, BM-00900T99, BM-00900T100, BM-00900T101, BM-00900T102, BM-00900T103, BM-00900T104, BM-00900T105, BM-00900T106, BW-072012, BW-072013, BW-072014, BW-072015, BW-072016, BW-072017, BW-072018, BI-014848, BI-040116, BI-022080, BI-022081, BI-022082, BI-022083, BI-022084, BI-022085, BI-014891, BI-014892, BI-014893, BI-014894, BI-014895, BI-014902, BI-014925,

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**Test Report
(SVHC)**

No.: EBO2301091-C304

February 7, 2023

Page 7 of 29

BI-210257, BI-210275, BI-210276, BI-210277, BI-210278, BI-210279, BI-210280, BI-210281, BI-210282, BI-210283, BI-210284, BI-210285, BI-210286, BI-210287, BI-210288, BI-210289, BI-210290, BI-210291, BI-210292, BI-210293, BI-014915, BI-014927, BI-014934, BI-014935, BI-014936, BI-014937, BI-014938, BI-014939, BI-014940, BI-014941, BI-014942, BI-014943, BI-014944, BI-014945, BI-014946H, BI-014947, BI-014948, BI-014949, BI-014950, BI-014951, BI-014952, BI-014953, BI-014954, BI-014955, BI-014956, BI-014957, BI-014958, BI-014854, BI-040111, BI-021264, BI-014916, BI-040123, BI-040124, BI-040125, BI-040126, BI-040127C, BI-040128, BI-040129, BI-040130, BI-040131, BI-040132, BI-026245, BI-026246, BI-026247, BI-026248, BI-026249, BI-026250, BI-026251, BI-026252, BI-026253, BI-026254, BI-026255, BI-026256, BI-026257, BI-026258, BI-026259, BI-026260, BI-026261, BI-026262, BI-026263, BI-026264, BI-026265, BI-026266, BI-026267, BI-026268, BI-026269, BI-026270, BI-026271, BI-026272, BI-026273, BI-026274, BI-026275, BI-014910W, BI-014911HP, BW-022070ZW, BW-022071ZW, BW-022072ZW, BI-040133MR, BI-014970W, BI-04974HP, BI-040132W, BI-014992HP, BI-040148W, BW-022067P, BI-014961R, BI-014962R, BM-00900T27Z-3, BM-00900T27Z-4, BM-00900T27Z-5, BM-00900T27Z-6, BW-055015-LED, BW-055016, BW-055016-LED, BW-055017, BW-055018, BW-055019, BW-022087, BW-022093, BW-022073Z, BW-022074, BI-014924, BI-014950-1, BI-014950-2, BI-014950-3, BI-014950-4, BI-014950-5, BI-014976, BI-014978, BI-014979, BI-014980, BI-014981, BI-014982, BI-014983, BI-014984, BI-014985, BI-014986, BI-014987, BI-014988, BI-014989, BI-014990, BI-014991, BI-014992, BI-014993, BI-014994, BI-014995H, BI-014996, BI-014997, BI-014998, BI-040134, BI-040135, BI-040136, BI-040137, BI-040141, BI-040142, BI-040143, BI-040144, BI-040145, BI-040146, BI-040147, BI-040148, BI-040149, BI-040150, BI-040151, BI-040152, BI-014987, BI-014963, BI-210294, BI-210295, BI-210296, BI-210297, BI-210298, BI-210299, BI-210305, BI-210306, BI-210307, BI-210308, BI-210309, BI-210310, BI-210311, BI-210312, BI-210313, BI-210314, BI-210315, BI-210316, BI-210317, BI-210318, BI-210319, BI-210320, BI-210321, BI-210322, BI-210323, BI-210324, BI-210325, BI-210326, BI-210327, BI-210328, BI-210329, BI-210330, BI-210331, BI-300001, BI-300002, BI-300003, BI-300004, BI-300005, BI-300006, BI-300007, BI-300008, BI-300009, BI-300010, BI-300011, BI-300012, BI-300013, BI-300014, BI-300015, BI-300016, BI-300017, BI-300018, BI-300019, BI-300020, BI-300021, BI-300022, BI-300023, BI-300024, BI-300025, BI-300026, BI-300027, BI-300028, BI-300029, BI-300030, BI-300031, BI-300032, BI-300033, BI-300034, BI-300035, BI-300036, BI-300037, BI-300038, BI-300039, BI-300040, BI-300041, BI-300042, BI-300043, BI-300044, BI-300045, BI-300046, BI-300047, BI-300048, BI-300049, BI-300050, BI-300051, BI-300052, BI-300053, BI-300054, BI-300055, BI-300056, BI-300057, BI-300058, BI-300059, BI-300060, BI-300061, BI-300062, BI-300063, BI-300064, BI-300065, BI-300066, BI-300067, BI-300068, BI-300069, BI-300070, BI-300071, BI-300072, BI-300073, BI-300074, BI-300075, BI-300076, BI-300077, BI-300078, BI-300079, BI-300080, BI-300081, BI-300082, BI-300083, BI-300084, BI-300085, BI-300086, BI-300087, BI-300088, BI-300089, BI-300090, BI-300091, BI-300092, BI-300093, BI-300094, BI-300095, BI-300096, BI-300097, BI-300098, BI-300099, BI-300100, BI-300101, BI-300102, BI-300103, BI-300104, BI-300105, BI-300106, BI-300107, BI-300108, BI-300109, BI-300110, BI-300111, BI-300112, BI-300113, BI-300114, BI-300115, BI-300116, BI-300117, BI-300118, BI-300119, BI-300120, BI-300121, BI-300122, BI-300123, BI-300124, BI-300125, BI-300126, BI-300127, BI-300128, BI-300129, BI-300130, BI-300131, BI-300132, BI-300133, BI-300134, BI-300135, BI-300136, BI-300137,

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**Test Report
(SVHC)**

No.: EBO2301091-C304

February 7, 2023

Page 8 of 29

BI-300138, BI-300139, BI-300140, BI-300141, BI-300142, BI-300143, BI-300144, BI-300145, BI-300146, BI-300147, BI-300148, BI-300149, BI-300150, BW-500001, BW-500002, BW-500003, BW-500004, BW-500005, BW-500006, BW-500007, BW-500008, BW-500009, BW-500010, BW-500011, BW-500012, BW-500013, BW-500014, BW-500015, BW-500016, BW-500017, BW-500018, BW-500019, BW-500020, BW-500021, BW-500022, BW-500023, BW-500024, BW-500025, BW-500026, BW-500027, BW-500028, BW-500029, BW-500030, BW-500031, BW-500032, BW-500033, BW-500034, BW-500035, BW-500036, BW-500037, BW-500038, BW-500039, BW-500040, BW-500041, BW-500042, BW-500043, BW-500044, BW-500045, BW-500046, BW-500047, BW-500048, BW-500049, BW-500050, BW-500051, BW-500052, BW-500053, BW-500054, BW-500055, BW-500056, BW-500057, BW-500058, BW-500059, BW-500060, BW-500061, BW-500062, BW-500063, BW-500064, BW-500065, BW-500066, BW-500067, BW-500068, BW-500069, BW-500070, BW-500071, BW-500072, BW-500073, BW-500074, BW-500075, BW-500076, BW-500077, BW-500078, BW-500079, BW-500080, BW-500081, BW-500082, BW-500083, BW-500084, BW-500085, BW-500086, BW-500087, BW-500088, BW-500089, BW-500090, BW-500091, BW-500092, BW-500093, BW-500094, BW-500095, BW-500096, BW-500097, BW-500098, BW-500099, BW-500100, BW-500101, BW-500102, BW-500103, BW-500104, BW-500105, BW-500106, BW-500107, BW-500108, BW-500109, BW-500110, BW-500111, BW-500112, BW-500113, BW-500114, BW-500115, BW-500116, BW-500117, BW-500118, BW-500119, BW-500120, BW-500121, BW-500122, BW-500123, BW-500124, BW-500125, BW-500126, BW-500127, BW-500128, BW-500129, BW-500130, BW-500131, BW-500132, BW-500133, BW-500134, BW-500135, BW-500136, BW-500137, BW-500138, BW-500139, BW-500140, BW-500141, BW-500142, BW-500143, BW-500144, BW-500145, BW-500146, BW-500147, BW-500148, BW-500149, BW-500150, BW-500151, BW-500152, BW-500153, BW-500154, BW-500155, BW-500156, BW-500157, BW-500158, BW-500159, BW-500160, BW-500161, BW-500162, BW-500163, BW-500164, BW-500165, BW-500166, BW-500167, BW-500168, BW-500169, BW-500170, BW-500171, BW-500172, BW-500173, BW-500174, BW-500175, BW-500176, BW-500177, BW-500178, BW-500179, BW-500180, BW-500181, BW-500182, BW-500183, BW-500184, BW-500185, BW-500186, BW-500187, BW-500188, BW-500189, BW-500190, BW-500191, BW-500192, BW-500193, BW-500194, BW-500195, BW-500196, BW-500197, BW-500198, BW-500199, BW-500200

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Test Report
(SVHC)

No.: EBO2301091-C304

February 7, 2023

Page 9 of 29

Test Sample:

Test Part Description:

Specimen No.	EBO Sample ID	Description
1	EBO2301091-C304.001	Rose red soft plastic main part + Rose gold plating on main part + White plastic main part + Ivory-white soft plastic main part + White plastic wire skin + Blue plastic wire skin + Red plastic wire skin + Black plastic wire skin + Ivory-white plastic motor cover + White foam on shell (motor) (Mixed)
2	EBO2301091-C304.002	Black plastic on shaft (motor) + Black plastic button + Beige mixtures SMD LED + Black mixtures SMD triode + Black mixtures SMD diode + Black mixtures SMD IC + Brown mixtures MLCC + Green coating on PCB + Beige polymers base material of PCB (Mixed)
3	EBO2301091-C304.003	Silvery metal wafer + Silvery metal screw + Coppery metal wire core + Silvery metal electric brush (motor) + Silvery metal shell (motor) + Silvery metal buckle (in motor) + Black metal magnet (in motor) + Silvery metal on shaft (motor) + Silvery metal motor axle + Silvery metal coiled silicon steel sheet (on motor) (Mixed)
4	EBO2301091-C304.004	Coppery metal coil (on motor) + Coppery metal bearing (on motor) + Golden metal button + Silvery metal shell (button) + Coppery metal copper foil of PCB + Silvery metal solder of PCB (Mixed)

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Test Report
(SVHC)

No.: EBO2301091-C304

February 7, 2023

Page 10 of 29

TEST RESULTS:

SVHC 233 Items Content (Substances in the candidate List of SVHC)

Test Method: In-house method with reference to EPA: 8270D, 3052, 6010C, 3550C, 8321B, EN14362, DIN EN ISO 17353, IEC 62321, AfPS GS 2014:01 PAK and EN 14582.

Batch	Substance Name	CAS No.	No.1 Concentration (%)	MDL (%)
-	All tested SVHC in candidate list	-	N.D.	-

Batch	Substance Name	CAS No.	No.2 Concentration (%)	MDL (%)
-	All tested SVHC in candidate list	-	N.D.	-

Batch	Substance Name	CAS No.	No.3 Concentration (%)	MDL (%)
-	All tested SVHC in candidate list	-	N.D.	-

Batch	Substance Name	CAS No.	No.4 Concentration (%)	MDL (%)
XIX	Lead	7439-92-1	0.0197	0.005
-	Other tested SVHC in candidate list	-	N.D.	-

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Appendix
Full list of tested SVHC:

Batch	Seq.	Test Item(s)	EC. No.	CAS No.	MDL (%)
I	1	2,4-Dinitrotoluene	204-450-0	121-14-2	0.01
I	2	2-Ethoxyethanol	203-804-1	110-80-5	0.005
I	3	2-Methoxyethanol	203-713-7	109-86-4	0.005
I	4	4,4'- Diaminodiphenylmethane(MDA)	202-974-4	101-77-9	0.005
I	5	5-tert-butyl-2,4,6-trinitro-m-xylene(musk xylene)	201-329-4	81-15-2	0.005
I	6	Acrylamide	201-173-7	79-06-1	0.01
I	7	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	287-476-5	85535-84-8	0.005
I	8	Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.2 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the two following conditions: a) Al ₂ O ₃ and SiO ₂ are present within the following concentration ranges: Al ₂ O ₃ : 43.5 – 47 % w/w, and SiO ₂ : 49.5 – 53.5 %w/w, or Al ₂ O ₃ : 45.5 – 50.5 % w/w, and SiO ₂ : 48.5 –54% w/w, b) fibres have a length weighted geometric meandiameter less two standard geometric errors of 6 or less micrometres (µm)***	---	---	0.01
I	9	Ammonium dichromate*	232-143-1	7789-09-5	0.005
I	10	Anthracene	204-371-1	120-12-7	0.005

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Test Report
(SVHC)

No.: EBO2301091-C304

February 7, 2023

Page 12 of 29

Batch	Seq.	Test Item(s)	EC. No.	CAS No.	MDL (%)
I	11	Anthracene oil	292-602-7	90640-80-5	0.01
I	12	Anthracene oil, anthracene paste	292-603-2	90640-81-6	0.01
I	13	Anthracene oil, anthracene paste, anthracene fraction	295-275-9	91995-15-2	0.01
I	14	Anthracene oil, anthracene paste; distn. Lights	295-278-5	91995-17-4	0.01
I	15	Anthracene oil, anthracene-low	292-604-8	90640-82-7	0.01
II	16	Benzyl butyl phthalate(BBP)	201-622-7	85-68-7	0.01
II	17	Bis(2-ethylhexyl)phthalate(DEHP)	204-211-0	117-81-7	0.01
II	18	Bis(tributyltin)oxide(TBTO)**	200-268-0	56-35-9	0.01
II	19	Boric acid*	233-139-2 234-343-4	10043-35-3 11113-50-1	0.005
II	20	Chromic acid, Oligomers of chromic acid and dichromic acid, Dichromic acid	231-801-5 236-881-5	7738-94-5 13530-68-2	0.005
II	21	Chromium trioxide*	215-607-8	1333-82-0	0.005
II	22	Cobalt dichloride*	231-589-4	7646-79-9	0.005
II	23	Cobalt(II) carbonate*	208-169-4	513-79-1	0.005
II	24	Cobalt(II) diacetate*	200-755-8	71-48-7	0.01
II	25	Cobalt(II) dinitrate*	233-402-1	10141-05-6	0.005
II	26	Cobalt(II) sulphate*	233-334-2	10124-43-3	0.005
II	27	Diarsenic pentaoxide*	215-116-9	1303-28-2	0.005
II	28	Diarsenic trioxide*	215-481-4	1327-53-3	0.005
III	29	Dibutyl Phthalate(DBP)	201-557-4	84-74-2	0.01
III	30	Diisobutyl Phthalate(DIBP)	201-553-2	84-69-5	0.01

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Batch	Seq.	Test Item(s)	EC. No.	CAS No.	MDL (%)
III	31	Disodium tetraborate, anhydrous*	215-540-4	1303-96-4 1330-43-4 12179-04-3	0.005
III	32	Hexabromocyclododecane(HBCDD) and all major diastereoisomers identified: Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane	247-148-4 221-695-9	25637-99-4 3194-55-6 (134237-50-6) (134237-51-7) (134237-52-8)	0.005
III	33	Lead chromate*	231-846-0	7758-97-6	0.005
III	34	Lead chromate molybdate sulfate red (C.I. Pigment Red 104)*	235-759-9	12656-85-8	0.005
III	35	Lead hydrogen arsenate*	232-064-2	7784-40-9	0.005
III	36	Lead sulfochromate yellow (C.I. Pigment Yellow 34)*	215-693-7	1344-37-2	0.005
IV	37	Coal tar pitch, high temperature	266-028-2	65996-93-2	0.005
IV	38	Potassium chromate*	232-140-5	7789-00-6	0.005
IV	39	Potassium dichromate*	231-906-6	7778-50-9	0.005
IV	40	Sodium chromate*	231-889-5	7775-11-3	0.005
IV	41	Sodium dichromate*	234-190-3	7789-12-0 10588-01-9	0.005
IV	42	Tetraboron disodium heptaoxide, hydrate*	235-541-3	12267-73-1	0.005
IV	43	Trichloroethylene	201-167-4	79-01-6	0.01
IV	44	Triethyl arsenate*	427-700-2	15606-95-8	0.005
V	45	Tris(2-chloroethyl)phosphate	204-118-5	115-96-8	0.01
V	46	Zirconia Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.2 of Regulation (EC) No 1272/2008 of the	---	---	0.005

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Batch	Seq.	Test Item(s)	EC. No.	CAS No.	MDL (%)
		European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the two following conditions: a) Al_2O_3 , SiO_2 and ZrO_2 are present within the following concentration ranges: Al_2O_3 : 35 – 36 % w/w, and SiO_2 : 47.5 – 50 % w/w, and ZrO_2 : 15 - 17 % w/w, b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (μm)***			
V	47	2-ethoxyethyl acetate	203-839-2	111-15-9	0.005
V	48	Strontium chromate*	232-142-6	7789-06-2	0.005
V	49	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	271-084-6	68515-42-4	0.005
V	50	Hydrazine	206-114-9	7803-57-8 302-01-2	0.01
V	51	1-methyl-2-pyrrolidone	212-828-1	872-50-4	0.005
VI	52	1,2,3-trichloropropane	202-486-1	96-18-4	0.005
VI	53	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters,C7-rich	276-158-1	71888-89-6	0.005
VI	54	Lead dipicrate*	229-335-2	6477-64-1	0.005
VI	55	Lead styphnate*	239-290-0	15245-44-0	0.005
VI	56	Lead azide Lead diazide*	236-542-1	13424-46-9	0.005
VI	57	Phenolphthalein	201-004-7	77-09-8	0.005
VI	58	2,2'-dichloro-4,4'-methylenedianiline	202-918-9	101-14-4	0.01
VI	59	N,N-dimethylacetamide	204-826-4	127-19-5	0.005
VI	60	Trilead diarsenate*	222-979-5	3687-31-8	0.005

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Test Report
(SVHC)

No.: EBO2301091-C304

February 7, 2023

Page 15 of 29

Batch	Seq.	Test Item(s)	EC. No.	CAS No.	MDL (%)
VI	61	Calcium arsenate*	231-904-5	7778-44-1	0.005
VI	62	Arsenic acid*	231-901-9	7778-39-4	0.005
VI	63	Bis(2-methoxyethyl) ether	203-924-4	111-96-6	0.01
VI	64	1,2-Dichloroethane	203-458-1	107-06-2	0.01
VI	65	4-(1,1,3,3-tetramethylbutyl)phenol	205-426-2	140-66-9	0.01
VI	66	2-Methoxyaniline; o-Anisidine	201-963-1	90-04-0	0.01
VI	67	Bis(2-methoxyethyl) phthalate	204-212-6	117-82-8	0.005
VI	68	Formaldehyde, oligomeric reaction products with aniline	500-036-1	25214-70-4	0.005
VI	69	Pentazinc chromate octahydroxide*	256-418-0	49663-84-5	0.005
VI	70	Potassium hydroxyoctaoxodizincatedi-chromate*	234-329-8	11103-86-9	0.005
VI	71	Dichromium tris(chromate)*	246-356-2	24613-89-6	0.005
VII	72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	203-977-3	112-49-2	0.01
VII	73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	203-794-9	110-71-4	0.005
VII	74	Diboron trioxide*	215-125-8	1303-86-2	0.005
VII	75	Formamide	200-842-0	75-12-7	0.005
VII	76	Lead(II) bis(methanesulfonate) *	401-750-5	17570-76-2	0.01
VII	77	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H, 3H,5H)-trione)	219-514-3	2451-62-9	0.01
VII	78	β-TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	423-400-0	59653-74-6	0.01

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Test Report
(SVHC)

No.: EBO2301091-C304

February 7, 2023

Page 16 of 29

Batch	Seq.	Test Item(s)	EC. No.	CAS No.	MDL (%)
VII	79	4,4'-bis(dimethylamino) benzophenone (Michler's ketone)	202-027-5	90-94-8	0.01
VII	80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	202-959-2	101-61-1	0.01
VII	81	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] ****	208-953-6	548-62-9	0.01
VII	82	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] ****	219-943-6	2580-56-5	0.005
VII	83	α,α -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] ****	229-851-8	6786-83-0	0.005
VII	84	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] ****	209-218-2	561-41-1	0.005
VIII	85	Bis(pentabromophenyl) ether (DecaBDE)	214-604-9	1163-19-5	0.01
VIII	86	Pentacosfluorotridecanoic acid	276-745-2	72629-94-8	0.01
VIII	87	Tricosfluorododecanoic acids	206-203-2	307-55-1	0.005
VIII	88	Henicosfluoroundecanoic acid	218-165-4	2058-94-8	0.01
VIII	89	Heptacosfluorotetradecanoic acid	206-803-4	376-06-7	0.005
VIII	90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated -covering well-defined	---	---	0.01

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Test Report
(SVHC)

No.: EBO2301091-C304

February 7, 2023

Page 17 of 29

Batch	Seq.	Test Item(s)	EC. No.	CAS No.	MDL (%)
		substances and UVCB substances, polymers and homologues			
VIII	91	4-Nonylphenol, branched and linear –substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof	---	---	0.01
VIII	92	Diazeno-1,2-dicarboxamide (C,C'-azodi(formamide))	204-650-8	123-77-3	0.01
VIII	93	Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA)	201-604-9	85-42-7	0.01
VIII	94	Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride	247-094-1 243-072-0 256-356-4 260-566-1	25550-51-0 19438-60-9 48122-14-1 57110-29-9	0.01
VIII	95	Methoxy acetic acid	210-894-6	625-45-6	0.01
VIII	96	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	284-032-2	84777-06-0	0.01
VIII	97	Diisopentylphthalate (DIPP)	210-088-4	605-50-5	0.01
VIII	98	N-pentyl-isopentyl phthalate	---	---	0.01
VIII	99	1,2-Diethoxyethane	211-076-1	629-14-1	0.01
VIII	100	N,N-dimethylformamide; dimethyl formamide	200-679-5	68-12-2	0.01
VIII	101	Dibutyltin dichloride (DBT)	211-670-0	683-18-1	0.01
VIII	102	Acetic acid, lead salt, basic*	257-175-3	51404-69-4	0.01
VIII	103	Basic lead carbonate (trilead bis(carbonate)dihydroxide)*	215-290-6	1319-46-6	0.005
VIII	104	Lead oxide sulfate (basic lead sulfate)*	234-853-7	12036-76-9	0.005

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Test Report
(SVHC)

No.: EBO2301091-C304

February 7, 2023

Page 18 of 29

Batch	Seq.	Test Item(s)	EC. No.	CAS No.	MDL (%)
VIII	105	[Phthalato(2-)]dioxotrilead (dibasic lead phthalate)*	273-688-5	69011-06-9	0.01
VIII	106	Dioxobis(stearato)trilead*	235-702-8	12578-12-0	0.01
VIII	107	Fatty acids, C16-18, lead salts*	292-966-7	91031-62-8	0.01
VIII	108	Lead bis(tetrafluoroborate)*	237-486-0	13814-96-5	0.005
VIII	109	Lead cyanamidate*	244-073-9	20837-86-9	0.005
VIII	110	Lead dinitrate*	233-245-9	10099-74-8	0.005
VIII	111	Lead oxide (lead monoxide)*	215-267-0	1317-36-8	0.005
VIII	112	Lead tetroxide (orange lead)*	215-235-6	1314-41-6	0.005
VIII	113	Lead titanium trioxide*	235-038-9	12060-00-3	0.005
VIII	114	Lead Titanium Zirconium Oxide*	235-727-4	12626-81-2	0.005
VIII	115	Pentalead tetraoxide sulphate*	235-067-7	12065-90-6	0.005
VIII	116	Pyrochlore, antimony lead yellow*	232-382-1	8012-00-8	0.005
VIII	117	Silicic acid, barium salt, lead-doped*	272-271-5	68784-75-8	0.005
VIII	118	Silicic acid, lead salt*	234-363-3	11120-22-2	0.005
VIII	119	Sulfurous acid, lead salt, dibasic*	263-467-1	62229-08-7	0.005
VIII	120	Tetraethyllead*	201-075-4	78-00-2	0.005
VIII	121	Tetralead trioxide sulphate*	235-380-9	12202-17-4	0.005
VIII	122	Trilead dioxide phosphonate*	235-252-2	12141-20-7	0.005
VIII	123	Furan	203-727-3	110-00-9	0.005
VIII	124	Propylene oxide; 1,2-epoxypropane; methyloxirane	200-879-2	75-56-9	0.005

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Test Report
(SVHC)

No.: EBO2301091-C304

February 7, 2023

Page 19 of 29

Batch	Seq.	Test Item(s)	EC. No.	CAS No.	MDL (%)
VIII	125	Diethyl sulphate	200-589-6	64-67-5	0.005
VIII	126	Dimethyl sulphate	201-058-1	77-78-1	0.005
VIII	127	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	421-150-7	143860-04-2	0.005
VIII	128	Dinoseb	201-861-7	88-85-7	0.005
VIII	129	4,4'-methylenedi-o-toluidine	212-658-8	838-88-0	0.01
VIII	130	4,4'-oxydianiline and its salts	202-977-0	101-80-4	0.005
VIII	131	4-Aminoazobenzene	200-453-6	60-09-3	0.005
VIII	132	4-methyl-m-phenylenediamine (toluene -2,4 -diamine)	202-453-1	95-80-7	0.005
VIII	133	6-methoxy-m-toluidine (p-cresidine)	204-419-1	120-71-8	0.005
VIII	134	Biphenyl-4-ylamine	202-177-1	92-67-1	0.005
VIII	135	O-aminoazotoluene	202-591-2	97-56-3	0.005
VIII	136	O-Toluidine	202-429-0	95-53-4	0.01
VIII	137	N-methylacetamide	201-182-6	79-16-3	0.01
VIII	138	1-bromopropane(n-propyl bromide)	203-445-0	106-94-5	0.01
IX	139	Cadmium*	231-152-8	7440-43-9	0.005
IX	140	Cadmium oxide*	215-146-2	1306-19-0	0.005
IX	141	Ammonium pentadecafluorooctanoate(APFO)	223-320-4	3825-26-1	0.01
IX	142	Pentadecafluorooctanoic acid(PFOA)	206-397-9	335-67-1	0.01
IX	143	Dipentyl phthalate(DPP)	205-017-9	131-18-0	0.01
IX	144	4-Nonylphenol, branched and linear,ethoxylated	---	---	0.01

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Test Report
(SVHC)

No.: EBO2301091-C304

February 7, 2023

Page 20 of 29

Batch	Seq.	Test Item(s)	EC. No.	CAS No.	MDL (%)
X	145	Cadmium sulphide*	215-147-8	1306-23-6	0.01
X	146	Disodium3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	209-358-4	573-58-0	0.01
X	147	Disodium 4-amino-3'-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-di sulphonate (C.I. Direct Black 38)	217-710-3	1937-37-7	0.01
X	148	Diethyl phthalate	201-559-5	84-75-3	0.01
X	149	Imidazolidine-2-thione (2-imidazoline-2-thiol)	202-506-9	96-45-7	0.01
X	150	Lead di(acetate) *	206-104-4	301-04-2	0.005
X	151	Triethyl phosphate	246-677-8	25155-23-1	0.01
XI	152	1,2-Benzenedicarboxylic acid, diethyl ester, branched and linear	271-093-5	68515-50-4	0.01
XI	153	Sodium perborate; perboric acid, sodium salt *	239-172-9 234-390-0	---	0.005
XI	154	Sodium peroxometaborate*	231-556-4	7632-04-4	0.005
XI	155	Cadmium chloride*	233-296-7	10108-64-2	0.005
XII	156	Cadmium fluoride*	232-222-0	7790-79-6	0.005
XII	157	Cadmium sulphate*	233-331-6	10124-36-4 31119-53-6	0.005
XII	158	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	223-346-6	3846-71-7	0.005
XII	159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	247-384-8	25973-55-1	0.01
XII	160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	239-622-4	15571-58-1	0.01

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Batch	Seq.	Test Item(s)	EC. No.	CAS No.	MDL (%)
XII	161	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stan natetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	---	---	0.01
XIII	162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyldiesters with $\geq 0.3\%$ of dihexyl phthalate (EC No. 201-559-5)	271-094-0 272-013-1	68515-51-5 68648-93-1	0.01
XIII	163	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane[1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	---	---	0.005
XIV	164	Nitrobenzene	202-716-0	98-95-3	0.01
XIV	165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	223-383-8	3864-99-1	0.01
XIV	166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	253-037-1	36437-37-3	0.005
XIV	167	1,3-propanesultone	214-317-9	1120-71-4	0.005
XIV	168	Perfluorononan-1-oic-acid and its sodium and ammonium saltspropanesultone	206-801-3	375-95-1 21049-39-8 4149-60-4	0.005
XV	169	Benzo[a]pyrene	200-028-5	50-32-8	0.005
XVI	170	4,4'-isopropylidenediphenol (Bisphenol A; BPA)	201-245-8	80-05-7	0.005

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Batch	Seq.	Test Item(s)	EC. No.	CAS No.	MDL (%)
XVI	171	-Heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	---	---	0.01
XVI	172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	--- 206-400-3. 221-470-5	3108-42-7, 335-76-2, 3830-45-3	0.01
XVI	173	4-tert-amylphenol	201-280-9	80-46-6	0.01
XVII	174	Perfluorohexane-1-sulphonic acid and its salts(PFHxS)	---	---	0.01
XVIII	175	Dodecachloropentacyclo[12.2.1.16,9.02,13.0 5,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	---	13560-89-9; 135821-74-8; 135821-03-3	0.01
XVIII	176	Benz[a]anthracene	200-286-6	56-55-3	0.01
XVIII	177	Cadmium nitrate*	233-710-6	10325-94-7, 10022-68-1	0.005
XVIII	178	Cadmium carbonate*	208-168-9	513-78-0	0.005
XVIII	179	Cadmium hydroxide*	244-168-5	21041-95-2	0.005
XVIII	180	Chrysene	205-923-4	218-01-9, 1719-03-5	0.01
XVIII	181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥0.1% w/w 4-heptylphenol, branched and linear]	---	---	0.01
XIX	182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (TMA)	209-008-0	552-30-7	0.01

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Test Report
(SVHC)

No.: EBO2301091-C304

February 7, 2023

Page 23 of 29

Batch	Seq.	Test Item(s)	EC. No.	CAS No.	MDL (%)
XIX	183	Dicyclohexyl phthalate (DCHP)	201-545-9	84-61-7	0.01
XIX	184	Benzo[ghi]perylene	205-883-8	191-24-2	0.01
XIX	185	Decamethylcyclopentasiloxane (D5)	208-764-9	541-02-6	0.01
XIX	186	Disodium octaborate*	234-541-0	12008-41-2	0.01
XIX	187	Dodecamethylcyclohexasiloxane (D6)	208-762-8	540-97-6	0.01
XIX	188	Ethylenediamine (EDA)	203-468-6	107-15-3	0.01
XIX	189	Lead	231-100-4	7439-92-1	0.005
XIX	190	Octamethylcyclotetrasiloxane (D4)	209-136-7	556-67-2	0.01
XIX	191	Terphenyl hydrogenated	262-967-7	61788-32-7	0.01
XX	192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	401-720-1	6807-17-6	0.01
XX	193	Benzo[k]fluoranthene	205-916-6	207-08-9	0.005
XX	194	Fluoranthene	205-912-4	206-44-0	0.005
XX	195	Phenanthrene	201-581-5	85-01-8	0.005
XX	196	Pyrene	204-927-3	129-00-0	0.005
XX	197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	239-139-9	15087-24-8	0.01
XXI	198	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides	---	---	0.01
XXI	199	2-methoxyethyl acetate	203-772-9	110-49-6	0.01
XXI	200	4-tert-butylphenol	202-679-0	98-54-4	0.01
XXI	201	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)	---	---	0.01
XXII	202	2-benzyl-2-dimethylamino-4'-morpholinobuty	404-360-3	119313-12-1	0.01

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Batch	Seq.	Test Item(s)	EC. No.	CAS No.	MDL (%)
		rophenone			
XXII	203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	400-600-6	71868-10-5	0.01
XXII	204	Diisohexyl phthalate	276-090-2	71850-09-4	0.01
XXII	205	Perfluorobutane sulfonic acid (PFBS) and its salts	---	---	0.01
XXIII	206	1-vinylimidazole	214-012-0	1072-63-5	0.01
XXIII	207	2-methylimidazole	211-765-7	693-98-1	0.01
XXIII	208	butyl 4-hydroxybenzoate	202-318-7	94-26-8	0.01
XXIII	209	Dibutylbis(pentane-2,4-dionato-O,O')tin	245-152-0	22673-19-4	0.01
XXIV	210	Bis(2-(2-methoxyethoxy)ethyl) ether	205-594-7	143-24-8	0.01
XXIV	211	Diocetyl tin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety	---	---	0.01
XXV	212	4,4'-(1-methylpropylidene)bisphenol	201-025-1	77-40-7	0.01
XXV	213	1,4-dioxane	204-661-8	123-91-1	0.01
XXV	214	Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	---	---	0.01
XXV	215	Medium-chain chlorinated paraffins (MCCP) (UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17)	---	---	0.01

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Test Report
(SVHC)

No.: EBO2301091-C304

February 7, 2023

Page 25 of 29

Batch	Seq.	Test Item(s)	EC. No.	CAS No.	MDL (%)
XXV	216	Glutaral	203-856-5	111-30-8	0.01
XXV	217	2,2-bis(bromomethyl)propane1,3-diol (BMP); 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-p ropanol (TBNPA); 2,3-dibromo-1-propanol (2,3-DBPA)	221-967-7 253-057-0 202-480-9	3296-90-0 36483-57-5 1522-92-5 96-13-9	0.01
XXV	218	Orthoboric acid, sodium salt*	237-560-2	13840-56-7	0.005
XXV	219	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	---	---	0.01
XXVI	220	(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methyl ene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)	---	---	0.01
XXVI	221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	204-327-1	119-47-1	0.01
XXVI	222	S-(tricyclo(5.2.1.0' ² .6)deca-3-en-8(or 9)-yl O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	401-850-9	255881-94-8	0.01
XXVI	223	Tris(2-methoxyethoxy)vinylsilane	213-934-0	1067-53-4	0.01
XXVII	224	N-(hydroxymethyl)acrylamide	213-103-2	924-42-5	0.01
XXVIII	225	1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromo benzene]	253-692-3	37853-59-1	0.01
XXVIII	226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphe nol	201-236-9	79-94-7	0.01
XXVIII	227	4,4'-sulphonyldiphenol	201-250-5	80-09-1	0.01
XXVIII	228	Barium diboron tetraoxide	237-222-4	13701-59-2	0.01
XXVIII	229	Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	---	---	0.01
XXVIII	230	Isobutyl 4-hydroxybenzoate	224-208-8	4247-02-3	0.01

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Test Report
(SVHC)

No.: EBO2301091-C304

February 7, 2023

Page 26 of 29

Batch	Seq.	Test Item(s)	EC. No.	CAS No.	MDL (%)
XXVIII	231	Melamine	203-615-4	108-78-1	0.01
XXVIII	232	Perfluoroheptanoic acid and its salts Ammonium perfluoroheptanoate EC No.: 228-098-2 CAS No.: 6130-43-4 potassium perfluoroheptanoate EC No.: - CAS No.: 21049-36-5 Perfluoroheptanoic acid EC No.: 206-798-9 CAS No.: 375-85-9 Sodium perfluoroheptanoate EC No.: 243-518-4 CAS No.: 20109-59-5	---	---	0.01
XXVIII	233	reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine	473-390-7	---	0.01

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- Remark 1**
- 1) In accordance with Regulation(EC) No. 1907/2006, any producer or importer of articles shall notify ECHA, in accordance with paragraph 4 of Article 7, if a substance meets the criteria in Article 57 and is identified in accordance with Article 59(1), if both the following conditions are met:
- (a) the substance is present in those articles in quantities total ling over 1 tonne per producer or importer per year;
- (b) the substance is present in those articles above a concentration of 0,1 % weight by weight(w/w).
- 2) From 28 October 2008, EU & EEA suppliers of articles which contain substances on the Candidate List in a concentration above 0.1% (w/w) must provide sufficient information, available to them, to their customers and on request to a consumer within 45 days of there ceipt of this request. This information must ensure safe use of the article and, as aminimum, include the name of the substance.

- Remark 2**
- 1)* Calculated concentration of cobalt dichloride, cobalt(II) sulphate, cobalt(II) dinitrate, cobalt(II) carbonate and cobalt(II) diacetate is based on the identified heavy metal and anion result. Calculated concentration of diarsenic pentaoxide, diarsenic trioxide,chromium trioxide, sodium dichromate, dehydrate, lead hydrogen arsenate, triethyl arsenate, lead chromate, sodium chromate, strontium chromate ,potassium chromate, ammonium dichromate, potassium dichromate, lead chromate molybdate sulfate red, lead sulfochromate yellow and acids generated from chromium trioxide and their oligomers, Lead dipicrate, Lead styphnate, Lead azide Lead diazide, Trilead diarsenate , Calcium arsenate , Arsenic acid , Potassium hydroxyoctaoxodizincatedi-chromate, Dichromium tris(chromate), Pentazinc chromate octahydroxide, Lead(II) bis(methanesulfonate), Diboron trioxide ,Acetic acid, lead salt, basic, Basic lead carbonate (trilead bis(carbonate)dihydroxide), Lead oxide sulfate (basic lead sulfate), [Phthalato(2-)]dioxotrilead (dibasic lead phthalate), Dioxobis(stearato)trilead, Fatty acids, C16-18, lead salts, Lead bis(tetrafluoroborate), Lead cynamidate, Lead dinitrate, Lead oxide (lead monoxide), Lead tetroxide (orange lead), Lead titanium trioxide, Lead Titanium Zirconium Oxide , Pentalead tetraoxide sulphate , Pyrochlore, antimony lead yellow ,Silicic acid, barium salt, lead-doped , Sulfurous acid, lead salt, dibasic, Tetraethyllead, Tetralead trioxide sulphate, Trilead dioxide phosphonate,Cadmium,Cadmium oxide,Cadmium sulphide and Lead di(acetate), Cadmium chloride, Cadmium fluoride, Cadmium sulphate, Cadmium nitrate, Cadmium carbonate, Cadmium hydroxide are based on the identified heavy metal result,boric acid, disodium tetraborate, anhydrous and tetraboron disodium heptaoxide, hydrate , Sodium perborate; perboric acid, sodium salt , Sodium peroxometaborate,

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**Test Report
(SVHC)**

No.: EBO2301091-C304

February 7, 2023

Page 28 of 29

Disodium octaborate are based on the identified result of boron and sodium result. The identities of above metal substances present in the article have to be further confirmed;

2)** Concentration of bis(tributyltin)oxide, TBTO is reported as tributyltin, TBT. The result is a screening test of TBTO and can cover TBTO and other salts under current technologies. Further investigation is needed to have the exact amount of TBTO;

3)*** Calculated concentration of Aluminosilicate, Refractory Ceramic Fibres ;Zirconia Aluminosilicate, Refractory Ceramic Fibres is based on the identified heavy metal result and confirmation by microscope;

4) ****The substance does only fulfil the criteria of REACH Art. 57 (a) if it contains Michler's ketone (EC Number: 202-027-5) or Michler's base (EC Number: 202-959-2) in a concentration $\geq 0.1\%$ (weight / weight);

5) N.D. = Not detected, less than MDL.

Remark 3 Mixed tests are performed according to the applicant's request.

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Test Report
(SVHC)

No.: EBO2301091-C304

February 7, 2023

Page 29 of 29

Sample photo:

No. EBO2301091-C304



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