

ARMOR SAS
7 RUE DE LA PELISSIERE, 44118 LA CHEVROLIERE - FRANCE

THIS REPORT IS TO SUPERSEDE TEST REPORT NO.:SGACP250000375 R1 DATED 17-Apr-2025

The following sample(s) was/were submitted and identified by the client as:

Sample Name : AWR XL

SGS Order No. : 10598868
Sample ID : SGA25-0000065-0002
Sample Receiving Date : 03-Feb-2025
Testing Period : 03-Feb-2025 to 12-Feb-2025

Test Requested : Selected test(s) as requested by the client
Test Method(s) : Please refer to next page(s)
Test Result(s) : Please refer to next page(s)

Conclusion : Based on the performed tests on submitted sample(s), the results of Cadmium, Lead, Mercury, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs) and Phthalates such as Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) **comply** with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

Signed for and on behalf of
SGS Testing & Control Services Singapore Pte Ltd



Tan Si Jing (Ms.)
Senior Chemist, Multi-Lab

FOLDER NUMBER : SGA25-0000065

This document is issued by the Company under its General Conditions of Service accessible at <https://www.sgs.com/en/terms-and-conditions> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com/en/terms-and-conditions/terms-e-document>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. 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. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. This document cannot be reproduced except in full, without prior approval of the Company.

Test Result(s) :

Sample Description : BLACK SHEET

Test Item(s)	Unit	Method	Results	MDL	Limit
Lead (Pb)	mg/kg	With reference to IEC 62321-5:2013. Analysis was performed by ICP/OES	ND	2	<1000
Mercury (Hg)	mg/kg	With reference to IEC 62321-4 :2013 +AMD1:2017. Analysis was performed by ICP/OES	ND	2	<1000
Cadmium(Cd)	mg/kg	With reference to IEC 62321-5:2013. Analysis was performed by ICP/OES	ND	2	<100
Hexavalent Chromium (Cr(VI))	mg/kg	With reference to IEC 62321-7-2:2017, analysis was performed by UV-Vis.	ND	8	<1000
Polybromobiphenyl (PBBs)	mg/kg	With reference to IEC62321-6 :2015. Analysis was performed by GC/MS	ND	-	<1000
Monobromobiphenyl (MonoBB)	mg/kg	With reference to IEC62321-6 :2015. Analysis was performed by GC/MS	ND	5	-
Dibromobiphenyl (DiBB)	mg/kg	With reference to IEC62321-6 :2015. Analysis was performed by GC/MS	ND	5	-
Tribromobiphenyl (TriBB)	mg/kg	With reference to IEC62321-6 :2015. Analysis was performed by GC/MS	ND	5	-
Tetrabromobiphenyl (TetraBB)	mg/kg	With reference to IEC62321-6 :2015. Analysis was performed by GC/MS	ND	5	-
Pentabromobiphenyl (PentaBB)	mg/kg	With reference to IEC62321-6 :2015. Analysis was performed by GC/MS	ND	5	-
Hexabromobiphenyl (HexaBB)	mg/kg	With reference to IEC62321-6 :2015. Analysis was performed by GC/MS	ND	5	-
Heptabromobiphenyl (HeptaBB)	mg/kg	With reference to IEC62321-6 :2015. Analysis was performed by GC/MS	ND	5	-
Octabromobiphenyl (OctaBB)	mg/kg	With reference to IEC62321-6 :2015. Analysis was performed by GC/MS	ND	5	-
Nonabromobiphenyl (NonaBB)	mg/kg	With reference to IEC62321-6 :2015. Analysis was performed by GC/MS	ND	5	-
Decabromobiphenyl (DecaBB)	mg/kg	With reference to IEC62321-6 :2015. Analysis was performed by GC/MS	ND	5	-
Polybromodiphenyl ether(PBDEs)	mg/kg	With reference to IEC62321-6 :2015. Analysis was performed by GC/MS	ND	-	<1000

FOLDER NUMBER : SGA25-0000065

This document is issued by the Company under its General Conditions of Service accessible at <https://www.sgs.com/en/terms-and-conditions> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com/en/terms-and-conditions/terms-e-document>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. 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. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. This document cannot be reproduced except in full, without prior approval of the Company.

Test Item(s)	Unit	Method	Results	MDL	Limit
Monobromodiphenylether (MonoBDE)	mg/kg	With reference to IEC62321-6 :2015. Analysis was performed by GC/MS	ND	5	-
Dibromodiphenylether (DiBDE)	mg/kg	With reference to IEC62321-6 :2015. Analysis was performed by GC/MS	ND	5	-
Tribromodiphenylether (TriBDE)	mg/kg	With reference to IEC62321-6 :2015. Analysis was performed by GC/MS	ND	5	-
Tetrabromodiphenylether (TetraBDE)	mg/kg	With reference to IEC62321-6 :2015. Analysis was performed by GC/MS	ND	5	-
Pentabromodiphenylether (PentaBDE)	mg/kg	With reference to IEC62321-6 :2015. Analysis was performed by GC/MS	ND	5	-
Hexabromodiphenylether (HexaBDE)	mg/kg	With reference to IEC62321-6 :2015. Analysis was performed by GC/MS	ND	5	-
Heptabromodiphenylether (HeptaBDE)	mg/kg	With reference to IEC62321-6 :2015. Analysis was performed by GC/MS	ND	5	-
Octabromodiphenylether (OctaBDE)	mg/kg	With reference to IEC62321-6 :2015. Analysis was performed by GC/MS	ND	5	-
Nonabromodiphenylether (NonaBDE)	mg/kg	With reference to IEC62321-6 :2015. Analysis was performed by GC/MS	ND	5	-
Decabromodiphenylether (DecaBDE)	mg/kg	With reference to IEC62321-6 :2015. Analysis was performed by GC/MS	ND	5	-
Bis-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	With reference to IEC62321-8 :2017. Analysis was performed by GC/MS	ND	50	<1000
Benzyl Butyl Phthalate(BBP)	mg/kg	With reference to IEC62321-8 :2017. Analysis was performed by GC/MS	ND	50	<1000
Dibutyl Phthalate(DBP)	mg/kg	With reference to IEC62321-8 :2017. Analysis was performed by GC/MS	ND	50	<1000
Diisobutyl Phthalate(DIBP)	mg/kg	With reference to IEC62321-8 :2017. Analysis was performed by GC/MS	ND	50	<1000
Medium Chain Chlorinated Paraffin(C14-C17)(MCCP)	mg/kg	With reference to PR-(SG)-[CP]-[MTL]-STM-019 based on ISO 18219-2:2021. Analysis was performed by GC-NCI-MS.	ND	50	-
Tetrabromobisphenol A (TBBP-A)	mg/kg	With reference to PR-(SG)-[CP]-[MTL]-IHM(C)-002. Analysis was performed by GC/MS.	ND	5	-

FOLDER NUMBER : SGA25-0000065

This document is issued by the Company under its General Conditions of Service accessible at <https://www.sgs.com/en/terms-and-conditions> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com/en/terms-and-conditions/terms-e-document>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. 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. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. This document cannot be reproduced except in full, without prior approval of the Company.

Remarks:

- (1) mg/kg = ppm ; 0.1wt% = 1000ppm
- (2) ND = Not Detected (Less than MDL)
- (3) MDL = Method Detection Limit
- (4) "-" = Not regulated

Notes:

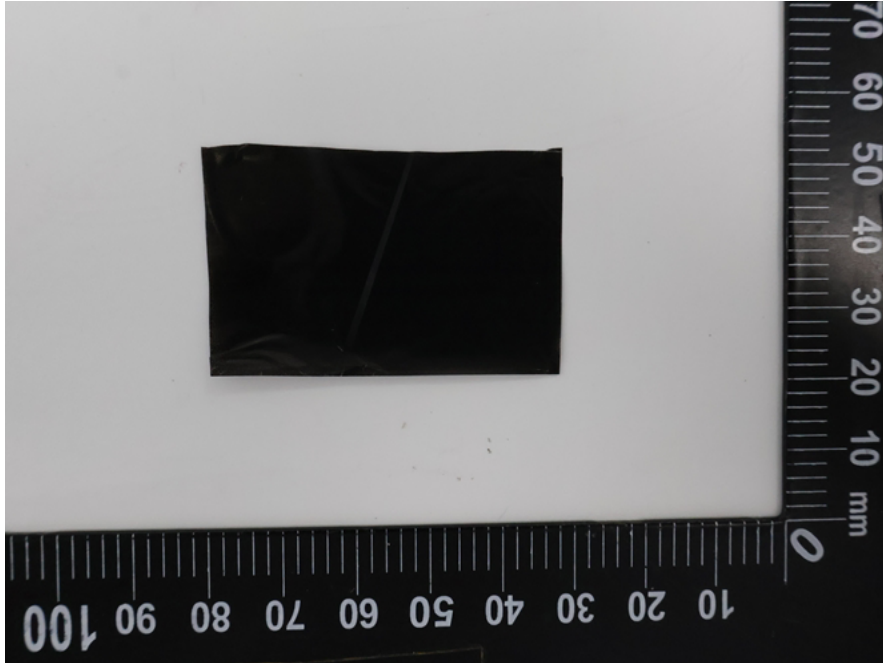
- (1) The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863.
- (2) IEC 62321 series is equivalent to EN 62321 series.
- (3) The restriction of DEHP, BBP, DBP and DIBP shall apply to medical devices, including in vitro medical devices, and monitoring and control instruments, including industrial monitoring and control instruments, from 22 July 2021.

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019. According to this rule, the judgement of conformity is based on the comparing test results with limits.

FOLDER NUMBER : SGA25-0000065

This document is issued by the Company under its General Conditions of Service accessible at <https://www.sgs.com/en/terms-and-conditions> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com/en/terms-and-conditions/terms-e-document>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. 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. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. This document cannot be reproduced except in full, without prior approval of the Company.

Sample Photo:



SGA25-0000065-0002

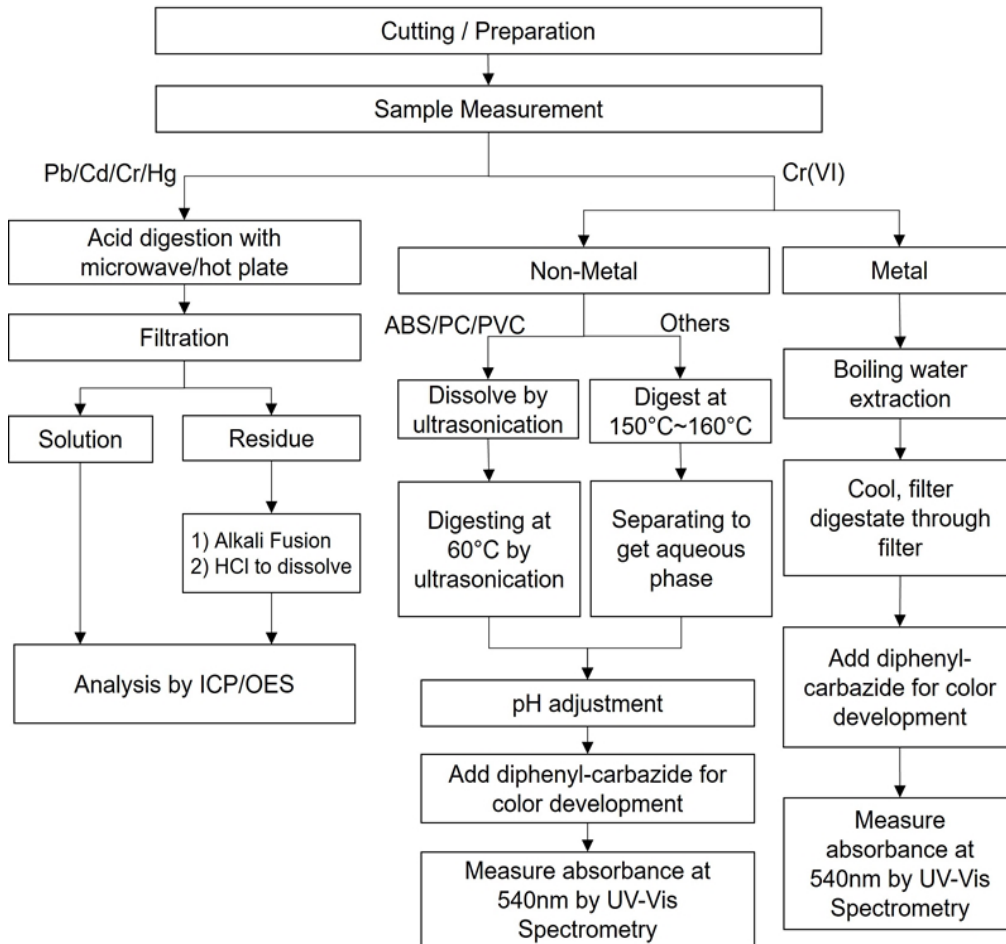
SGS authenticate the photo on original report only

FOLDER NUMBER : SGA25-0000065

This document is issued by the Company under its General Conditions of Service accessible at <https://www.sgs.com/en/terms-and-conditions> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com/en/terms-and-conditions/terms-e-document>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. 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. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. This document cannot be reproduced except in full, without prior approval of the Company.

Analytical flow chart - Heavy metals

Sample received was totally dissolved by preconditioning method.
[Cr(VI) test method excluded]

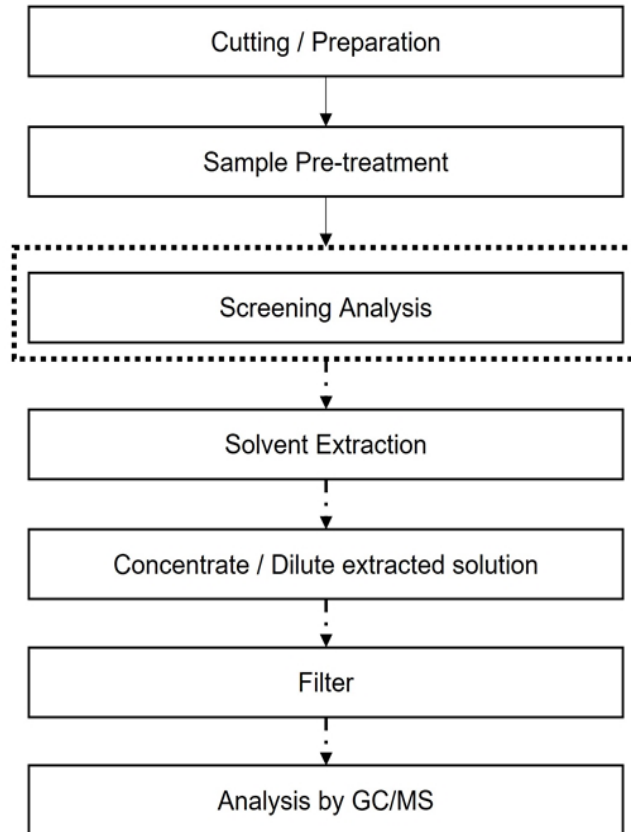


FOLDER NUMBER : SGA25-0000065

This document is issued by the Company under its General Conditions of Service accessible at <https://www.sgs.com/en/terms-and-conditions> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com/en/terms-and-conditions/terms-e-document>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. 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. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. This document cannot be reproduced except in full, without prior approval of the Company.

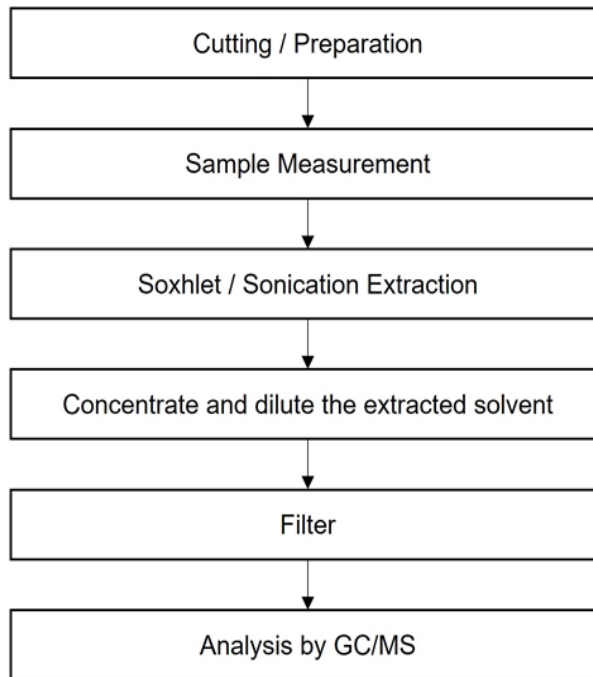
Analytical flow chart - PBBs and PBDEs

First Testing Process ———>
 Optional screen process >
 Confirmation process - - ->



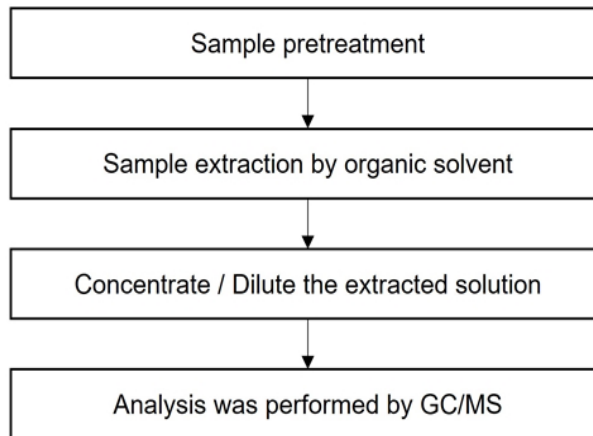
FOLDER NUMBER : SGA25-0000065

This document is issued by the Company under its General Conditions of Service accessible at <https://www.sgs.com/en/terms-and-conditions> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com/en/terms-and-conditions/terms-e-document>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. 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. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. This document cannot be reproduced except in full, without prior approval of the Company.

Analytical flow chart – Phthalates (IEC 62321)

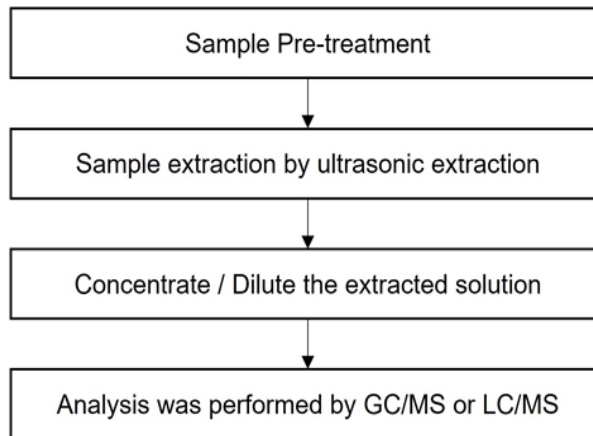
FOLDER NUMBER : SGA25-0000065

This document is issued by the Company under its General Conditions of Service accessible at <https://www.sgs.com/en/terms-and-conditions> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com/en/terms-and-conditions/terms-e-document>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. 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. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. This document cannot be reproduced except in full, without prior approval of the Company.

Analytical flow chart – Chlorinated Paraffins

FOLDER NUMBER : SGA25-0000065

This document is issued by the Company under its General Conditions of Service accessible at <https://www.sgs.com/en/terms-and-conditions> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com/en/terms-and-conditions/terms-e-document>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. 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. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. This document cannot be reproduced except in full, without prior approval of the Company.

Analytical flow chart – TBBP-A

End of Report

FOLDER NUMBER : SGA25-0000065

This document is issued by the Company under its General Conditions of Service accessible at <https://www.sgs.com/en/terms-and-conditions> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com/en/terms-and-conditions/terms-e-document>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. 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. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. This document cannot be reproduced except in full, without prior approval of the Company.