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VERIFICATION OF COMPLIANCE / VÉRIFICATION DE CONFORMITÉ

Client Name : TODDLEKIND
Nom du client
Test Report Number : T32320260859TY-01
Numéro du rapport d'essais
Reference Number : N/A
Référence du client
Tested Item Reference : LARGE MAT, SMALL MAT
Référence de l'échantillon testé
Other Item Reference Provided by Client : N/A
Autres références de l'échantillon donné par le client
Sample Description : US GRADE FOAM, EU GRADE FOAM
Description de l'échantillon
Date of Issue : MAY 30, 2023
Date d'émission

<u>Applied Standard(s)</u> <u>Norme(s) Appliquée(s)</u>	<u>Result(s)</u> <u>Résultat(s)</u>
EN 71-PART 1:2014+A1: 2018 : Safety of toys - Mechanical and physical properties <i>EN 71-PARTIE 1:2014+A1: 2018 : Sécurité des jouets - Propriétés Mécaniques et Physiques</i>	Pass <i>Conforme</i>
EN71-PART 2:2020: Safety of toys – Flammability <i>EN71-PARTIE 2:2020: Sécurité des jouets - Inflammabilité</i>	Pass <i>Conforme</i>
Directive 2009/48/EC and its amendment Council Directive (EU) 2017/738, Commission Directive (EU) 2018/725, Commission Directive (EU) 2019/1922 – EN 71-3:2019+A1:2021: Migration of certain elements (All conclusive testing) <i>Directive 2009/48/EC et son amendement conseil Directive (UE) 2017/738, Conseil Directive (UE) 2018/725, Conseil Directive (UE) 2019/1922 - EN 71-3:2019+A1:2021 – Migration de certains éléments (Tous tests concluants)</i>	Pass <i>Conforme</i>
Labeling requirement (Washing/Cleaning instruction, CE mark, importer / manufacturer name and address, product identification) according to informative annex A.26 and A.33 of the European standard on Safety of toys EN 71-1:2014+A1:2018 and the Directive 2009/48/EC – Safety of toys <i>Exigences concernant les avertissements (instruction de lavage / nettoyage, marquage CE, nom et adresse de l'importateur et fabricant, éléments d'identification produit) selon les annexes informatives A.26 et A.33 de la norme européenne sur la Sécurité des jouets EN71-1:2014+A1:2018 et la directive 2009/48/EC – Sécurité des jouets.</i>	See detail in report <i>Voir détail sur le rapport</i>

The results above are copied from reference report No. T32320260859TY-01 dated on MAY 30, 2023. This verification of compliance must not be used without the attached reference test report.

Les résultats ci-dessus sont copiés du rapport d'essais de référence numéro T32320260859TY-01 daté du MAY 30, 2023. Cette vérification de conformité ne doit pas être utilisée sans le rapport d'essais de référence.

Raymond CHENG
CHK Lab Manager
Connectivity & Products - Hardlines



Henrique DE ABREU PEIXE
Expert Jouet / Toys Expert
SGS France

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TODDLEKIND

TODDLEKIND GMBLT, RODENBACHER STR., 3A, 63579 FREIGERICHT, GERMANY

This report supersedes all previous documents bearing the test report number T32320260859TY with amendment on product information as requested by client.

The following samples were submitted and identified by/on behalf of the client as:
US GRADE FOAM, EU GRADE FOAM

Case No. : CA323202641739
Tested Item Reference : LARGE MAT, SMALL MAT
Country of Origin : TAIWAN
Labeled Age Grading : 0+
Requested Age Grading : NOT STATED
Age Group Assessed As Per Age Guideline : 0+
Age Group Applied in Testing : 0+
Sample Receiving Date : MAR 31, 2023
Testing Period : MAR 31, 2023 TO MAY 22, 2023

Test Requested	Conclusion
EN 71-1:2014+A1:2018 – Safety of toys – Part 1: Mechanical and Physical Properties	PASS
Labeling requirement (Washing/Cleaning Label, CE mark, importer / manufacturer mark (name, address), product identification) according to Informative Annex A.26 and A.33 of the European standard on Safety of toys EN 71-1:2014+A1:2018 and the Directive 2009/48/EC-Safety of toys	SEE RESULT
EN 71-2:2020 – Safety of toys – Part 2: Flammability	PASS
Directive 2009/48/EC and its amendment Council Directive (EU) 2017/738, Commission Directive (EU) 2018/725, Commission Directive (EU) 2019/1922 – EN 71-3:2019 + A1:2021 – Migration of certain elements (All conclusive testing)	PASS
European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendments – Lead and lead compounds	PASS
European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendments – Cadmium content	PASS
European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendments – Organostannic compounds	PASS
European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendment (EU) 2018/2005 – Phthalates content	PASS
European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendments – Polycyclic Aromatic Hydrocarbons (PAHs) Content	PASS
Article 11 of European Directive 94/62/EC and its amendments – Total Lead, Cadmium, Mercury and Hexavalent Chromium content	PASS

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Test Requested	Conclusion
European Regulation (EU) 2019/1021 Persistent Organic Pollutants (POPs Recast) – Alkanes C10-C13, chloro (short-chain chlorinated paraffins) (SCCPs)	PASS
Commission Directive (EU) 2017/898 amending Appendix C of Annex II to European Directive 2009/48/EC - Migration BPA	PASS
Commission Directive (EU) 2017/774 amending Appendix C of Annex II to European Directive 2009/48/EC – Phenol	PASS
Commission Directive (EU) 2015/2115 amending Appendix C of Annex II to European Directive 2009/48/EC – Formamide Requirement	PASS
European commission directive (EU) 2019/1929 – Formaldehyde	PASS
Commission Directive 2014/79/EU amending Appendix C of Annex II to European Directive 2009/48/EC – TCEP, TCPP and TDCP/TDCPP content	PASS

***** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) *****

Signed for and on behalf of
SGS Hong Kong Ltd.

Wong Sau Wai, Athena
Assistant Technical Manager

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Test Results:

EN 71-1:2014+A1:2018 - SAFETY OF TOYS – PART 1: MECHANICAL AND PHYSICAL PROPERTIES

AS SPECIFIED IN EN 71-1:2014+A1:2018 – SAFETY OF TOYS – PART 1: MECHANICAL AND PHYSICAL PROPERTIES

Clauses relevant to the item:

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4	General requirements	
4.1	Material cleanliness	<u>Pass</u>
4.7	Edges	<u>Pass</u>
4.8	Points and metallic wires	<u>Pass</u>
5	Toys intended for children under 36 months	
5.1	General requirements:	
5.1a	Small part requirement on toys & removable Components (Test method 8.2)	<u>Pass</u>
5.1b	Torque test (Test method 8.3)	<u>Pass</u>
	Tension test (Test method 8.4)	<u>Pass</u>
	Drop test (Test method 8.5)	<u>Pass</u>
	Impact test (Test method 8.7)	<u>Pass</u>
	Sharp edge (Test method 8.11)	<u>Pass</u>
	Sharp point (Test method 8.12)	<u>Pass</u>
5.1g	Foam toys and toys containing accessible foam components	<u>Pass</u>
6	Packaging	<u>Pass</u>
7	Warnings, markings and instructions for use	
7.1	General Requirements	<u>Pass</u>
	Note: Please note that for assessing the visibility and legibility of warnings, CEN has introduced good practice in the informative Annex A.33 by addressing the following aspects:	
	a) Emphasising the warning	
	b) Contrast, background and colours	
	c) Reflecting surfaces and obscuring material	
	d) Font type	
	e) Font size	
	f) Logical direction of text	
	For more details, see EN 71-1	

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LABELING REQUIREMENT (WASHING/CLEANING INSTRUCTION, CE MARK, IMPORTER / MANUFACTURER NAME AND ADDRESS, PRODUCT IDENTIFICATION) ACCORDING TO INFORMATIVE ANNEX A.26 AND A.33 OF THE EUROPEAN STANDARD ON SAFETY OF TOYS EN 71-1:2014+A1:2018 AND THE DIRECTIVE 2009/48/EC – SAFETY OF TOYS

Summary table:

	Observation Result	Location
Washing/Cleaning instruction	Not Applicable	--
CE mark	Present	Packaging
Importer's Name & Address	Present	Packaging
Manufacturer's Name & Address	Present	Packaging
Product ID	Absent See note 4	--

Note:

1. According to Directive 2009/48/EC, a toy intended for use by children under 36 months must be designed and manufactured in such a way that it can be cleaned. A textile toy must, to this end, be washable, except if it contains a mechanism that may be damaged if soak washed. The manufacturer should, if applicable, provide instructions on how the toy has to be cleaned. According to the GUIDANCE DOCUMENT ON THE APPLICATION OF DIRECTIVE 2009/48/EC ON THE SAFETY OF TOYS, manufacturer shall not label "surface washing" on textile toys which, under the TSD, need to be soak washable.
2. CE marking should be visible from outside the packaging and its height must be at least 5mm.
3. Manufacturer's and Importer's name, registered trade name or registered trade mark and the address at which the manufacturer can be contacted must be indicated on the toy or, where that is not possible, on its packaging or in a document accompanying the toy.
4. Manufacturers must ensure that their toys bear a type, batch, serial or model number or other element allowing their identification, or where the size or nature of the toy does not allow it, that the required information is provided on the packaging or in a document accompanying the toy.

EN 71-2:2020 – SAFETY OF TOYS – PART 2: FLAMMABILITY

AS SPECIFIED IN EN 71-2:2020 – SAFETY OF TOYS – PART 2: FLAMMABILITY

Clauses relevant to the item:

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4.1	General requirements	<u>Pass</u>

Type of gas: Butane gas used in the test burner

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Directive 2009/48/EC and its amendment Council Directive (EU) 2017/738, Commission Directive (EU) 2018/725, Commission Directive (EU) 2019/1922 – EN 71-3:2019 + A1:2021 – Migration of certain elements

Category III: Scraped-off toy material

Method: With reference to EN71-3:2019 + A1:2021. Analysis of general elements was performed by ICP-OES. / ICP-MS. Chromium (III) was obtained by calculation, chromium (VI) was analyzed by IC-UV-Vis and organic tin was analyzed by GC-MS.

Test Item(s)	Result(s)		MDL	Permissible Limit
Specimen No.	1	2	--	--
Mass of trace amount (mg)	--	--	--	--
Soluble Aluminium (Al) (mg/kg)	ND	ND	50	28130
Soluble Antimony (Sb) (mg/kg)	ND	ND	10	560
Soluble Arsenic (As) (mg/kg)	ND	ND	10	47
Soluble Barium (Ba) (mg/kg)	ND	ND	50	18750
Soluble Boron (B) (mg/kg)	ND	ND	50	15000
Soluble Cadmium (Cd) (mg/kg)	ND	ND	5	17
Soluble Chromium ⁺ (Cr) (mg/kg)	ND	ND	0.15	--
Soluble Chromium (III) (Cr (III)) (mg/kg)	ND	ND	1	460
Soluble Chromium (VI) (Cr (VI)) (mg/kg)	ND	ND	0.010	0.053
Soluble Cobalt (Co) (mg/kg)	ND	ND	10	130
Soluble Copper (Cu) (mg/kg)	ND	ND	50	7700
Soluble Lead (Pb) (mg/kg)	ND	ND	2.3	23
Soluble Manganese (Mn) (mg/kg)	ND	ND	50	15000
Soluble Mercury (Hg) (mg/kg)	ND	ND	10	94
Soluble Nickel (Ni) (mg/kg)	ND	ND	10	930
Soluble Selenium (Se) (mg/kg)	ND	ND	10	460
Soluble Strontium (Sr) (mg/kg)	ND	ND	50	56000
Soluble Tin (Sn) (mg/kg)	ND	ND	3.0	180000
Soluble Organic Tin -- (mg/kg)	ND	ND	--	12
Soluble Zinc (Zn) (mg/kg)	ND	ND	50	46000

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Test Item(s)	Soluble Organic Tin Result(s) (mg/kg)		MDL (mg/kg)
	1	2	
Methyl tin (MeT)	ND	ND	0.3
Di-n-propyl tin (DProT)	ND	ND	0.3
Dimethyl tin (DMT)	ND	ND	0.3
Butyl tin (BuT)	ND	ND	0.3
Dibutyl tin (DBT)	ND	ND	0.3
Tributyl tin (TBT)	ND	ND	0.3
n-Octyl tin (MOT)	ND	ND	0.3
Tetrabutyl tin (TeBT)	ND	ND	0.3
Diphenyl tin (DPhT)	ND	ND	0.3
Di-n-octyl tin (DOT)	ND	ND	0.3
Triphenyl tin (TPHT)	ND	ND	0.3

Specimen Description:

1. White foam w/ brown, white printing (Mat)
2. Blue foam (Mat)

Note:

- mg/kg = milligram per kilogram
- mg = milligram
- ND = Not Detected (lower than MDL)
- MDL = Method Detection Limit
- 1% = 10000 mg/kg = 10000 ppm
- + Soluble Chromium is not restricted by EN71-3:2019 + A1:2021, results shown only for reference

European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendments – Lead and lead compounds

For consumer products (except jewelry) – Lead content

Method (non-metallic materials): With reference to CPSC-CH-E1002-08.3 - Standard Operation Procedure for Determining Heavy Metal in Non-Metal Children Product

Test Item(s)	Lead (Pb)
MDL (mg/kg)	10
Permissible Limit (mg/kg)	500
Specimen Description	Result(s) (mg/kg)
1. White foam w/ brown, white printing (Mat) + Blue foam (Mat)	ND

Note:

- mg/kg = milligram per kilogram
- MDL = Method Detection Limit
- ND = Not Detected (lower than MDL)
- 1% = 10000 mg/kg = 10000 ppm
- Composite test has been performed as per client's request and the results are calculated using the minimum specimen weight

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European Regulation (EC) No. 1907/2006 (REACH), Annex XVII and its Amendments – Cadmium Content

Method: With reference to EN1122: 2001 method B / IEC 62321-5:2013

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES) / Atomic Absorption Spectrometer (AAS)

For Plastic

Test Item(s)	Cadmium (Cd)
Permissible Limit (mg/kg)	100
Specimen Description	Result(s) (mg/kg)
1. White foam w/ brown, white printing (Mat) + Blue foam (Mat)	ND

- Note:
- Permissible and Reference Limit specified by Commission Regulation (EU) No 494/2011 & Commission Regulation (EU) No 2016/217 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under entry 23 of Regulation (EC) No 552/2009 and directive 91/338/EC).
 - mg/kg = milligram per kilogram
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit = 5 mg/kg
 - 1% = 10000 mg/kg = 10000 ppm
 - Composite test has been performed as per client's request and the results are calculated using the minimum specimen weight

European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendments – Organostannic compounds

Method: With reference to ISO 17353: 2004

Analysis was performed by Gas Chromatography Mass Spectrometer (GC-MS)

Test Item(s)	Result(s) (%)	MDL (%)	Permissible Limit (%)
Specimen No.	1		
Dibutyltin (DBT) (as Tin)	ND	0.010	0.1
Dioctyltin (DOT) (as Tin)	ND	0.010	0.1
Tri-substituted Organostannic Compounds (as Tin)	ND	0.010	0.1

Specimen Description:

1. White foam w/ brown, white printing (Mat) + Blue foam (Mat)

- Note:
- % = percentage by weight
 - MDL = Method Detection Limit
 - ND = Not Detected (lower than MDL)
 - Tri-substituted Organostannic compounds are represented by Tributyltin (TBT) compounds, Triphenyltin (TPHT) compounds, Tripropyltin (TPT) compounds, Tricyclohexyltin (TCyT) compounds and Tri-n-octyltin (TOT) compounds, Trimethyltin (TMT) compounds
 - Composite test has been performed as per client's request and the results are calculated using the total specimen weight

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European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendment (EU) 2018/2005 – Phthalate content

Method: With reference to CPSC-CH-C1001-09.4

Analysis was performed by Gas Chromatography Mass Spectrometer (GC-MS) / High Performance Liquid Chromatography with Mass Spectrometer (HPLC-MS)

Materials can be placed in the mouth for toys & childcare articles

Test Item(s)	CAS No.	Result (s) (%)	MDL (%)	Permissible Limit (%)
Specimen No.	--	1		
Dibutyl Phthalate (DBP)	84-74-2	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	0.003	0.1
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	0.003	0.1
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	0.010	--
Di-n-octyl Phthalate (DNOP)	117-84-0	ND	0.003	--
Diisodecyl Phthalate (DIDP)	26761-40-0 68515-49-1	ND	0.010	--
Diisobutyl phthalate (DIBP)	84-69-5	ND	0.003	0.1
Total (DBP+BBP+DEHP+DIBP)		ND	--	0.1
Total (DINP+DNOP+DIDP)		ND	--	0.1

Specimen Description:

- White foam w/ brown, white printing (Mat) + Blue foam (Mat)

Note:

- ND = Not Detected (lower than MDL)
- MDL = Method Detection Limit
- % = percentage by weight
- Composite test has been performed as per client's request and the results are calculated using the total specimen weight

Regulation (EC) No. 1907/2006 (REACH), Annex XVII and its Amendments – PAHs Content

Method: With reference to AfPS GS 2019:01 PAK method.

Analysis was performed by Gas Chromatography Mass Spectrometer (GC-MS)

For Toy or childcare product

Test Item(s)	CAS No.	Result(s) (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
Specimen No.	--	1		
1. Benzo[a]anthracene	56-55-3	ND	0.1	0.5
2. Chrysene	218-01-9	ND	0.1	0.5
3. Benzo[b]fluoranthene	205-99-2	ND	0.1	0.5
4. Benzo[k]fluoranthene	207-08-9	ND	0.1	0.5
5. Benzo[j]fluoranthene	205-82-3	ND	0.1	0.5
6. Benzo[a]pyrene	50-32-8	ND	0.1	0.5
7. Benzo[e]pyrene	192-97-2	ND	0.1	0.5
8. Dibenzo[a,h]anthracene	53-70-3	ND	0.1	0.5

Specimen Description:

- White foam w/ brown, white printing (Mat) + Blue foam (Mat)

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- Note:
- ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit
 - mg/kg = milligram per kilogram
 - Composite test has been performed as per client's request and the results are calculated using the total specimen weight

Article 11 of European Directive 94/62/EC and its amendments – Total Lead, Cadmium, Mercury and Hexavalent Chromium Content

Method: With reference to IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013, IEC 62321-7-2:2017, IEC62321-7-1:2015

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES) / Ultraviolet Visible Spectrophotometer (UV-Vis)

Test Item(s)	Pb	Cd	Hg	Cr(VI)	Total (Pb + Cd + Cr(VI)+ Hg)
MDL (mg/kg)	5	5	5	8	--
Permissible Limit (mg/kg)	--	--	--	--	100
Specimen No.	--	--	--	--	--
1 - 4	ND	ND	ND	ND [#]	ND

Specimen Description:

1. White fabric (Zipper tape) + White string (Handle)
2. Transparent soft plastic (Bag) + White plastic (Zipper teeth)
3. Silvery metal w/ white coating (Zipper puller)
4. White paper w/ multicolor printing (Sheet)

- Note:
- mg/kg = milligram per kilogram
 - 1% = 10000 mg/kg = 10000 ppm
 - MDL = Method Detection Limit
 - ND = Not Detected (lower than MDL)
 - # = The result of Hexavalent chromium (Cr(VI)) is considered as "Not Detected" since the total chromium content determined by acid digestion is "Not Detected".
 - Composite test has been performed as per client's request and the results are calculated using the minimum specimen weight

Regulation (EU) 2019/1021 Persistent Organic Pollutants (POPs Recast) – Alkanes C10-C13, chloro (short-chain chlorinated paraffins) (SCCPs)

Method: With reference to ISO 22818:2021 / ISO 18219-1:2021

Analysis was performed by Gas Chromatography Electron Capture Detector (GC-ECD) / Gas Chromatography Negative Chemical Ionization Mass Spectrometry (GC-NCI-MS)

Articles

Test Item(s)	Result(s) (mg/kg)	MDL (mg/kg)	Permissible Limit (mg/kg)
Specimen No.	1		
Alkanes C10-C13, chloro (short-chain chlorinated paraffins) (SCCPs)	ND	50	1500

Specimen Description:

1. White foam w/ brown, white printing (Mat) + Blue foam (Mat)

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Commission Directive (EU) 2017/898 amending Appendix C of Annex II to European Directive 2009/48/EC – Migration BPA

Method: With reference to EN71-10: 2005 and EN71-11: 2005

Analysis was performed by Triple Quadrupole Liquid Chromatograph Mass Spectrometer (LC-MS/MS) / High Performance Liquid Chromatography with Mass Spectrometer (HPLC-MS)

Test Item(s)	CAS No.	Result(s) (mg/L)	MDL (mg/L)	Permissible limit (mg/L)
Specimen No.	--	1		
Bisphenol A	80-05-7	ND	0.010	0.04

Specimen Description:

1. White foam w/ brown, white printing (Mat) + Blue foam (Mat)

- Note:
- mg/L = milligram per liter
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit
 - Composite test has been performed as per client's request and the results are calculated using the minimum specimen weight

Commission Directive (EU) 2017/774 amending Appendix C of Annex II to European Directive 2009/48/EC – Phenol

Method: With reference to EN71-10: 2005 and EN71-11: 2005

Analysis was performed by High Performance Liquid Chromatography with Diode Array Detector (HPLC-DAD) / High Performance Liquid Chromatography with Mass Spectrometer (HPLC-MS)

Test Item(s)	CAS No.	Result(s) (mg/L)	MDL (mg/L)	Proposed Limit (mg/L)
Specimen No.	--	1		
Phenol	108-95-2	ND	1	5

Specimen Description:

1. White foam w/ brown, white printing (Mat) + Blue foam (Mat)

- Note:
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 - MDL = Method Detection Limit
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Commission Directive (EU) 2015/2115 amending Appendix C of Annex II to European Directive 2009/48/EC – Formamide Requirement

Method: Solvent extraction

Analysis was performed by Gas Chromatography Mass Spectrometer (GC-MS)

Test Item(s)	Result(s) (mg/kg)		MDL (mg/kg)	Permissible Limit (mg/kg)
Specimen No.	1	2		
Formamide	171	22	5	200

Specimen Description:

- White foam w/ brown, white printing (Mat)
- Blue foam (Mat)

Note:

- mg/kg = milligram per kilogram
- MDL = Method Detection Limit
- ND = Not Detected (lower than MDL)

European commission directive (EU) 2019/1929 – Formaldehyde

For Polymeric

Method: With reference to EN71-10: 2005 and EN71-11: 2005

Analysis was performed by Ultraviolet Visible Spectrometer (UV-Vis)

Specimen Description	MDL (mg/L)	Result(s) (mg/L)	Limit (mg/L)
1. White foam w/ brown, white printing (Mat) + Blue foam (Mat)	0.8	ND	1.5

Note:

- mg/L = milligram per liter
- ND = Not Detected (lower than MDL)
- MDL = Method Detection Limit
- Composite test has been performed as per client's request and the results are calculated using the total specimen weight

Commission Directive 2014/79/EU amending Appendix C of Annex II to European Directive 2009/48/EC – TCEP, TCPP and TDCP/TDCPP content

Method: Solvent Extraction

Analysis was performed by Gas Chromatography Mass Spectrometer (GC-MS)

Test Item(s)	CAS No.	Result(s) (mg/kg)	MDL (mg/kg)	Permissible Limit (mg/kg)
Specimen No.	--	1		
Tris(2-chloroethyl) Phosphate (TCEP)	115-96-8	ND	1	5
Tris(2-chloro-1-methylethyl) phosphate (TCPP)	13674-84-5	ND	1	5
Tris[2-chloro-1-(chloromethyl)ethyl] phosphate (TDCP) TRIS [(1,3-dichloro-2-propyl) phosphate] (TDCPP)	13674-87-8	ND	1	5

Specimen Description:

- White foam w/ brown, white printing (Mat) + Blue foam (Mat)

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- Note:
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 - MDL = Method Detection Limit
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Remark:

When statement of conformity is made, unless inherent in the requested specification, the decision rule would be based on the non-binary statement with guard band (is equal to the expanded measurement uncertainty with a 95% coverage probability, $w = U_{95}$) in ILAC-G8:09/2019 Clause 4.2.3.

"Pass - the measured value is within (or below / above) the acceptance limit, where the acceptance limit is below / above to the guard band." or "Pass - The measured values were observed in tolerance at the points tested. The specific false accept risk is up to 2.5%."

"Fail - the measured value is out of (or below / above) the tolerance limit added / subtracted to the guard band." or "Fail - One or more measured values were observed out of tolerance at the points tested". The specific false reject risk is up to 2.5%.

"Inconclusive – It is not possible to state the conformity. Either one or more measured values were observed in the portion of the expanded measurement uncertainty intervals at the points tested where the specific risk is up to 50%."

Sample Photo:



SGS authenticate the photo on original report only

*** End of Report ***

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