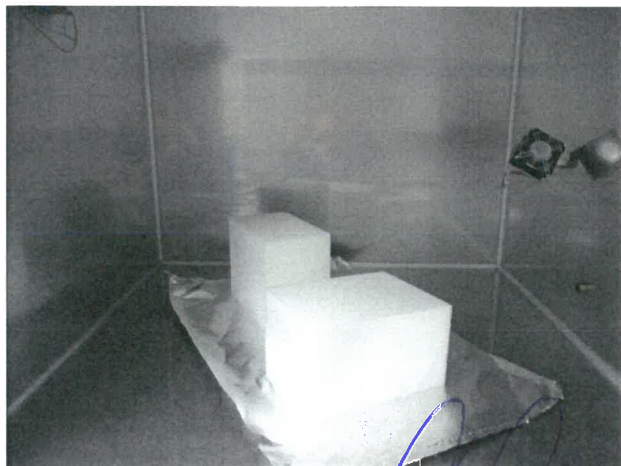


<b>Prüfbericht-Nr.:</b> <i>Test Report No.:</i>	<b>60187974-001</b>	<b>Auftrags-Nr.:</b> <i>Order No.:</i>	<b>3268222</b>	Seite 1 von 6 Page 1 of 6	
<b>Kunden-Referenz-Nr.:</b> <i>Client Reference No.:</i>	<b>C-RU-08018-725-0371</b> Full-analysis	<b>Auftragsdatum:</b> <i>Order date:</i>	<b>07.09.2018</b>		
<b>Auftraggeber:</b> <i>Client:</i>	<b>RIF Ametist Ltd., 2-y Pyatiletki Street, 140730 Roshal, Moscow Region, Russia</b>				
<b>Prüfgegenstand:</b> <i>Test item:</i>	<b>Standard Ether Foam</b>				
<b>Bezeichnung / Typ-Nr.:</b> <i>Identification / Type No.:</i>	<b>ST3542</b>				
<b>Auftrags-Inhalt:</b> <i>Order content:</i>	<b>Contaminant test (full-analysis) according to EU-CertiPUR-Label</b>				
<b>Prüfgrundlage:</b> <i>Test specification:</i>	<b>CertiPUR Label for Flexible Polyurethane Foams</b> European Association of Flexible Polyurethane Foam Blocks Manufacturers III. Technical Requirements - Version July, 2017 1.1. Tinorganic substances; 1.2. Phthalate plasticizers; 1.3. TDA / MDA 1.4. Emission of volatile organic compounds				
<b>Wareneingangsdatum:</b> <i>Date of receipt:</i>	<b>2018-09-11</b> (Lab: 2018-09-13)				
<b>Prüfmuster-Nr.:</b> <i>Test sample No.:</i>	<b>A000209180-004/-005/-006</b>				
<b>Prüfzeitraum:</b> <i>Testing period:</i>	<b>2018-09-12 – 2018-10-11</b>				
<b>Ort der Prüfung:</b> <i>Place of testing:</i>	<b>Emission Testing Nuremberg</b>				
<b>Prüflaboratorium:</b> <i>Testing laboratory:</i>	<b>TÜV Rheinland LGA Products GmbH</b>				
<b>Prüfergebnis*:</b> <i>Test result*:</i>	<b>Pass</b>				
<b>geprüft von / tested by:</b>	<b>kontrolliert von / reviewed by:</b>				
2018-10-12	i.A. Sarah-Ellen Koch, Expert	2018-10-12	i.V. Dr. Christian Schelle, Head of Laboratory		
<b>Datum</b> <i>Date</i>	<b>Name / Stellung</b> <i>Name / Position</i>	<b>Unterschrift</b> <i>Signature</i>	<b>Datum</b> <i>Date</i>	<b>Name / Stellung</b> <i>Name / Position</i>	<b>Unterschrift</b> <i>Signature</i>
<b>Sonstiges / Other:</b>					
<b>Zustand des Prüfgegenstandes bei Anlieferung:</b> <i>Condition of the test item at delivery:</i>			<b>Prüfmuster vollständig und unbeschädigt</b> <i>Test item complete and undamaged</i>		
* Legende:	1 = sehr gut P(ass) = entspricht o.g. Prüfgrundlage(n)	2 = gut F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	3 = befriedigend F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	4 = ausreichend N/A = nicht anwendbar	5 = mangelhaft N/T = nicht getestet
Legend:	1 = very good P(ass) = passed a.m. test specification(s)	2 = good F(ail) = failed a.m. test specification(s)	3 = satisfactory F(ail) = failed a.m. test specification(s)	4 = sufficient N/A = not applicable	5 = poor N/T = not tested
<b>Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.</b> <i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>					

v04

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**Liste der verwendeten Prüfmittel**  
**List of used test equipment**

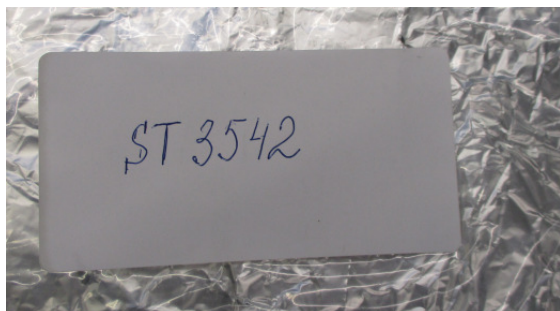
<b>Prüfmittel</b> <i>Test equipment</i>	<b>Prüfmittel-Nr. / ID-Nr.</b> <i>Equipment No. / ID-No.</i>	<b>Nächste Kalibrierung</b> <i>Next calibration</i>
Die Messunsicherheit wird auf Anfrage mitgeteilt / <i>Information on standard uncertainty on client's request.</i>		
Prüfmittelliste siehe Anhang / <i>Test equipment list see appendix</i>		

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**Produktbeschreibung**  
**Product description**

<p><b>1</b> <b>Produktdetails /</b> <i>Product details</i></p>	<p>Standard Ether Foam ST3542 High Density</p>
<p><b>2</b> <b>Hersteller /</b> <i>Manufacturer</i></p>	<p>RIF Ametist Ltd. 2-y Pyatiletki street 14730 Roshal, Moscow Region Russian Federation Mrs. Olesya Medvedeva</p>
<p><b>3</b> <b>Schäumungsdatum /</b> <i>Foaming date</i></p>	<p>2018-08-23</p>
<p><b>4</b> <b>Schneidedatum /</b> <i>Cutting date</i></p>	<p>2018-08-29</p>



**Sample Submittal and Analytical Request**  
**CertiPUR Voluntary Certification Program**

**Sample Identification:**

Sample to:  
Lab Name: TÜV RHEINLAND  
Address: LGA PRODUCTS GmbH  
Tillystrasse 2  
City / Zip: D-90431 Nürnberg  
Country: Germany  
Attention: Dr. Jelena Galinkina  
Tel: +49 911 6555614

**Invoice to:**

Co. Name: RIF Ametist  
Address: 2-y Pyatiletki street  
City / Zip: 140730 Roshal, Moscow Region  
Country: Russian Federation  
Attention: Mrs Olesya Medvedeva  
VAT N°:  
PO N°:  
Email: MedvedevaOP@foamline.com

CertiPUR Code	C-RU-08018- 725-0371
Your Product Code	ST3542
Foam Family*	Standard Ether Foam
Foam Density/IFD	High density
Production Date	23.08.18
Date Sample Cut	29.08.18
Shipping Date	07.09.18
Report Results	<input checked="" type="checkbox"/> To Submitting Company & EuroPUR <input type="checkbox"/> To Submitting Company Only

\* See CertiPUR Technical Paper, Phase A - Section 3 for Foam Families

**Analytical Request**

**Full CertiPUR analysis**

Tin organic compounds  
Phthalate plasticizers  
2,4 Toluenediamine (TDA)  
4,4 Diaminodiphenylmethane (MDA)  
Specified Volatile Organic Compounds  
Total Volatile Organic Compounds

**CertiPUR Re-analysis**

2,4 Toluenediamine (TDA)  
4,4 Diaminodiphenylmethane (MDA)  
Volatile Organic Compounds

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Absatz	<b>CertiPUR Label for Flexible Polyurethane Foams</b>	Messergebnisse - Bemerkungen	Bewertung
Clause	Anforderungen - Prüfungen / Requirements - Tests	Measuring results - Remarks	Evaluation

### CertiPUR Code: C-RU-08018-725-0371 Full-analysis

No.	Test	Requirements	Test findings	Comments
1.1	<b>Tinorganic compounds</b>	Tributyltin (TBT) < 50 ppb Dibutyltin (DBT) < 100 ppb Monobutyltin (MBT) < 100 ppb Sum <sup>1</sup> < 500 ppb	< 5 ppb < 5 ppb 38 ppb 38 ppb Each other: n.d. <sup>8</sup>	Requirements met
1.2	<b>Phthalate plasticizers</b>	Sum <sup>2</sup> ≤ 0.01 wt %	n.d.	Requirement met
1.3	<b>TDA and MDA</b>	2,4-Toluenediamine (TDA) ≤ 5 ppm 4,4'-Diaminodiphenylmethane (MDA) ≤ 5 ppm	0.6 ppm < 0.5 ppm	Requirements met
1.4	<b>Emission of volatile organic compounds (test chamber)</b>	Formaldehyde ≤ 10 µg/m <sup>3</sup> Toluene ≤ 100 µg/m <sup>3</sup> Styrene ≤ 5 µg/m <sup>3</sup> Each other CMR substances Class 1A and 1B <sup>3</sup> ≤ 5 µg/m <sup>3</sup> Sum of all CMR substances Class 1A and 1B <sup>4</sup> ≤ 40 µg/m <sup>3</sup> Aromatic hydrocarbons ≤ 500 µg/m <sup>3</sup> Organic volatiles (total) <sup>4,5</sup> ≤ 500 µg/m <sup>3</sup>	n.d. <sup>6</sup> n.d. <sup>6</sup> n.d. <sup>6</sup> each n.d. <sup>6</sup> n.d. <sup>6</sup> 6.6 µg/m <sup>3</sup> 2.9 µg/m <sup>3</sup>	Requirements met

<sup>1</sup> Sum of n-butyltin (Monobutyltin, MBT), di-n-butyltin (Dibutyltin, DBT), tri-n-butyltin (Tributyltin, TBT), tetra-n-butyltin, n-octyltin, di-n-octyltin, tri-cyclohexyltin and tri-phenyltin

<sup>2</sup> Sum of Di-iso-nonylphthalates, Di-n-octylphthalate, Di-(2-ethylhexyl)-phthalate, Di-iso-decylphthalates, Butylbenzylphthalate, Dibutylphthalate, Di-n-hexylphthalate

<sup>3</sup> Carcinogenic, mutagenic and reprotoxic substances, Class 1A or 1B, according to EU legislation

<sup>4</sup> including formaldehyde; information from EuroPUR of July 7, 2017:

The VOC emissions of formaldehyde identified have to be added to the TVOC of carcinogenic substances measured and to the overall limit for VOCs (please refer to the CertiPUR Technical Requirements – Version 2017)

<sup>5</sup> Sum of all components with a concentration ≥ 1 µg/m<sup>3</sup> and eluting within the retention time window from n-hexane (C<sub>6</sub>) to n-hexadecane (C<sub>16</sub>)

<sup>6</sup> n.d. = not detected, no substances of the corresponding category have been detected, limit of quantification 1 µg/m<sup>3</sup>

<sup>7</sup> SVOC (Semi Volatile Organic Compound, eluting with the retention time window from > C<sub>16</sub> to C<sub>22</sub>)

<sup>8</sup> n.d. = not detected, no substances of the corresponding category have been detected, limit of quantification 5 ppb

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Absatz	<b>CertiPUR Label for Flexible Polyurethane Foams</b>	Messergebnisse - Bemerkungen	Bewertung
Clause	Anforderungen - Prüfungen / <i>Requirements - Tests</i>	<i>Measuring results - Remarks</i>	<i>Evaluation</i>

Individually detected components		
Substance	CAS No.	Concentration [ $\mu\text{g}/\text{m}^3$ ]
Formaldehyde	50-00-0	< 1
2,6-Di-tert-butyl-p-cresol (SVOC) <sup>7</sup>	128-37-0	6.6
Hexamethylcyclotrisiloxane	541-05-9	1.9
DABCO	280-57-9	1.0

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Absatz	<b>CertiPUR Label for Flexible Polyurethane Foams</b>	Messergebnisse - Bemerkungen	Bewertung
Clause	Anforderungen - Prüfungen / Requirements - Tests	Measuring results - Remarks	Evaluation



## Equipment - Liste

Prüfdatum von 27.09.2018  
Prüfdatum bis 01.10.2018

Projektleiter Sarah-Ellen Koch  
Kostenstelle 685  
Prüfberichtsnummer 60187974-001  
Projektnummer 0003268222A00030

Kunde RIF Ametist Ltd.  
Produktname ST3542  
Bemerkung

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Atts ID	GTEM-ID	Beschreibung	Typbezeichnung	Hersteller	Inte. (mon)	Fälligkeit
09953	2731593	Massenflussregler	FMA-2600A, MC-50-SLP	Omega	24	12.06.2020
09813	2731356	Handmessgerät Temperatur-Luftfeuchte	Omniport30/Logprobe3	E + E Elektronik	24	01.12.2019
10271	2732386	Probenahmepumpe	BIVOC2, 3	Umweltanalytik	24	01.01.2019
10444	2732665	Probenahmepumpe	BIVOC2, 11	Umweltanalytik	24	01.03.2019
10273	2732390	Probenahmepumpe	BIVOC2, 5	Umweltanalytik	24	01.01.2019

\* Kein Eintrag bei Geräten, die nicht der regelmäßigen Eichung oder Kalibrierung unterliegen

ggf. Unterschrift: i.A. Steck