

TESTRAPPORT

Sökande

Prov Beskrivning: Modell	NBR RUBBER FOAM
Nr.:	CF-001
Mottagningsdatum: Testperiod:	November 14, 2018.
Testkrav:	November 17, 2018 till November 21, 2018.
Testmetod:	Utvalda tester enligt klientens begäran. (1) Med referens till IEC 62321-5:2013, bestämning av kadmium med ICP-OES. (2) Med referens till IEC 62321-5:2013, bestämning av bly med ICP-OES. (3) Med referens till IEC 62321-4:2013, bestämning av kvicksilver med ICP-OES. (4) Med referens till IEC 62321:2008, bestämning av sexvärt krom med kolorimetrisk metod med hjälp av UV-Vis. (5) Med referens till IEC 62321:2008, bestämning av PBB:er och PBDE:er med hjälp av GC-MS. (6) Med referens till EPA 3550C-2007 & EPA 8270D-2007 utfördes analysen med GC-MS.
Testresultat:	Se nästa sida/sidor.
Testets slutsats:	Baserat på utförda tester på inlämnade prover överensstämmer resultaten med gränserna i RoHS-direktivet 2011/65/EU bilaga II; omarbetning 2002/95/EG.

Undertecknad för och på uppdrag av
Shanghai Global Testing Services Co., Ltd.



Shi Lei/Kevin

General Manager - GTS/SHO



TEST UTFÖRT

I. Lista över testprover:

Prov Nr.	Beskrivning
001	NBR Rubber Foam

Anmärkning:

- 1 mg/kg = ppm
- 2 ND = Inte upptäckt
- 3 MDL = Metoddetektningsgräns
- 4 NE = Negativ
- 5 Den högsta tillåtna gränsen anges i direktiv 2011/65/EU, bilaga II
- 6 Vi ansvarar endast för det prov som lämnats in av sökanden.

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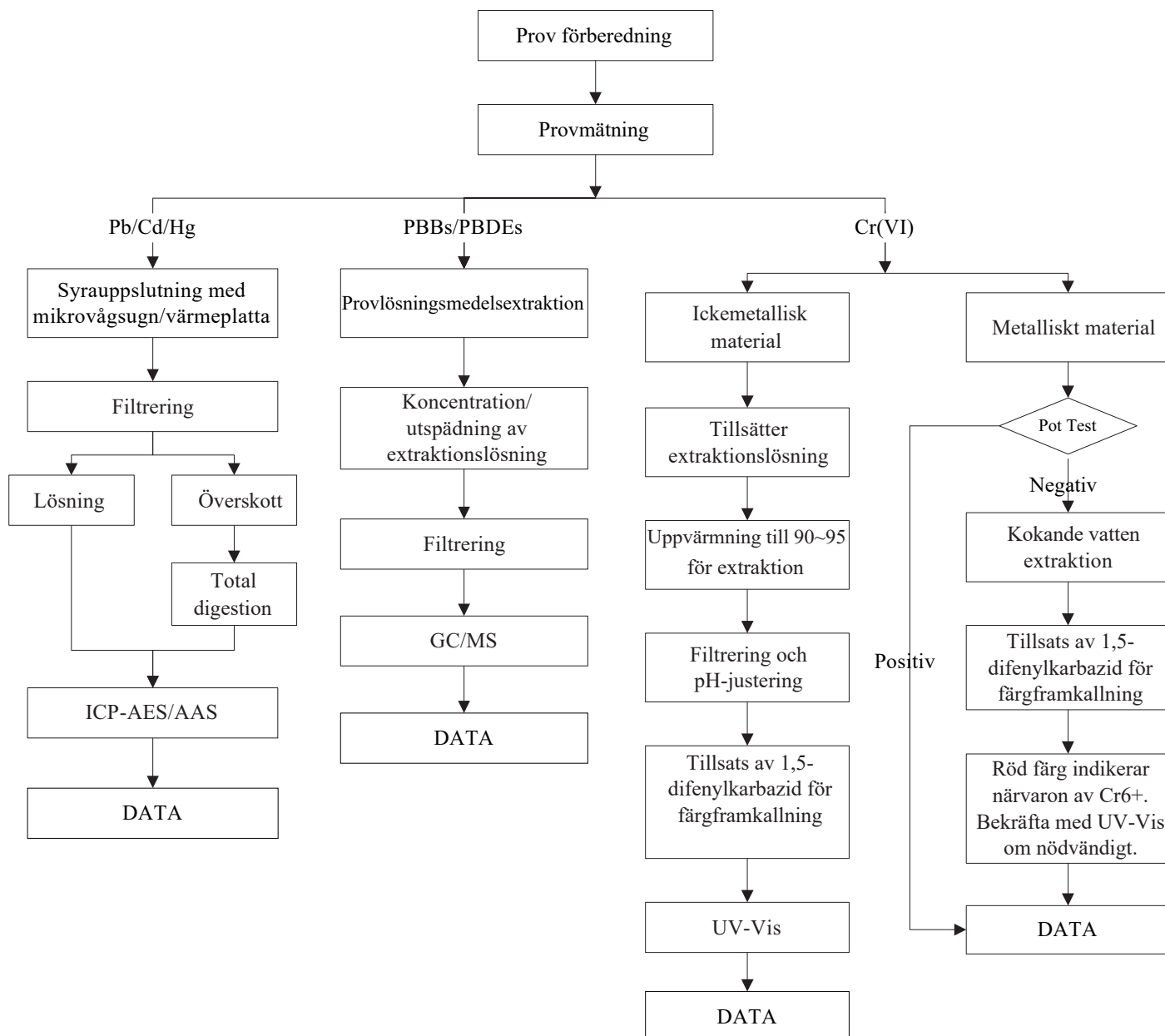
II. Testresultat med kemisk metod:

Kadmium, bly, kvicksilver, sexvärt krom och PBB/PBBE-halt (enhet: mg/kg)

Testobjekt	Testresultat	MDL	RoHS Gräns
	001		
Kadmium (Cd)	ND	2	100
Bly (Pb)	ND	2	1 000
Kvicksilver (Hg)	ND	2	1 000
Sexvärt Krom (CrVI)	ND	2	1 000
Summan av PBBs	ND	-	1 000
Monobromobifenyl	ND	5	-
Dibromobifenyl	ND	5	-
Tribromobifenyl	ND	5	-
Tetrabromobifenyl	ND	5	-
Pentabromobifenyl	ND	5	-
Hexabrombifenyl	ND	5	-
Heptabromobifenyl	ND	5	-
Oktabrombifenyl	ND	5	-
Nonabrombifenyl	ND	5	-
Dekabromobifenyl	ND	5	-
Summan av PBDEs	ND	-	1 000
Monobromodifenyleter	ND	5	-
Dibromodifenyleter	ND	5	-
Tribromodifenyleter	ND	5	-
Tetrabromodifenyleter	ND	5	-
Pentabromodifenyleter	ND	5	-
Hexabromodifenyleter	ND	5	-
Heptabromodifenyleter	ND	5	-
Oktabromodifenyleter	ND	5	-
Nonabromodifenyleter	ND	5	-
Dekabromodifenyleter#	ND	5	-

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III. RoHS-mätningsskema för provändamål



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IV Bilaga



Slut på rapporten



TEST REPORT

Applicant NBR RUBBER FOAM

Sample Description: CF-001

Model No.: November 14, 2018.

Date Received: November 17, 2018 to November 21, 2018.

Test Period: Selected test(s) as requested by client.

Test requirements: (1) With reference to IEC 62321-5:2013, determination of Cadmium by ICP-OES.

Test method: (2) With reference to IEC 62321-5:2013, determination of Lead by ICP-OES.

(3) With reference to IEC 62321-4:2013, determination of Mercury by ICP-OES.

(4) With reference to IEC 62321:2008, determination of Hexavalent Chromium by Colorimetric Method using UV-Vis.

(5) With reference to IEC 62321:2008, determination of PBBs and PBDEs by GC-MS.

(6) With reference to EPA 3550C-2007 & EPA 8270D-2007, Analysis was performed by GC-MS.

Please refer to next page(s).

Test result: Based on the performed tests on submitted samples, the results comply with the limits as set by

Test conclusion: RoHS Directive 2011/65/EU Annex II; recasting 2002/95/EC.

For and on behalf of
Shanghai Global Testing Services Co., Ltd.

Shi Lei/Kevin
General Manger -GTS/SHO



TEST CONDUCTED

I. List of Testing Sample:

Specimen No.	Description
001	NBR Rubber Foam

Remark:

- 1 mg/kg = ppm
- 2 ND = Not Detected
- 3 MDL = Method Detection Limit
- 4 NE = Negative
- 5 The maximum permissible limit is quoted from directive 2011/65/EU, Annex II
- 6 We are only responsible for the sample delivered by the applicant.



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II. Test Result by chemical method:

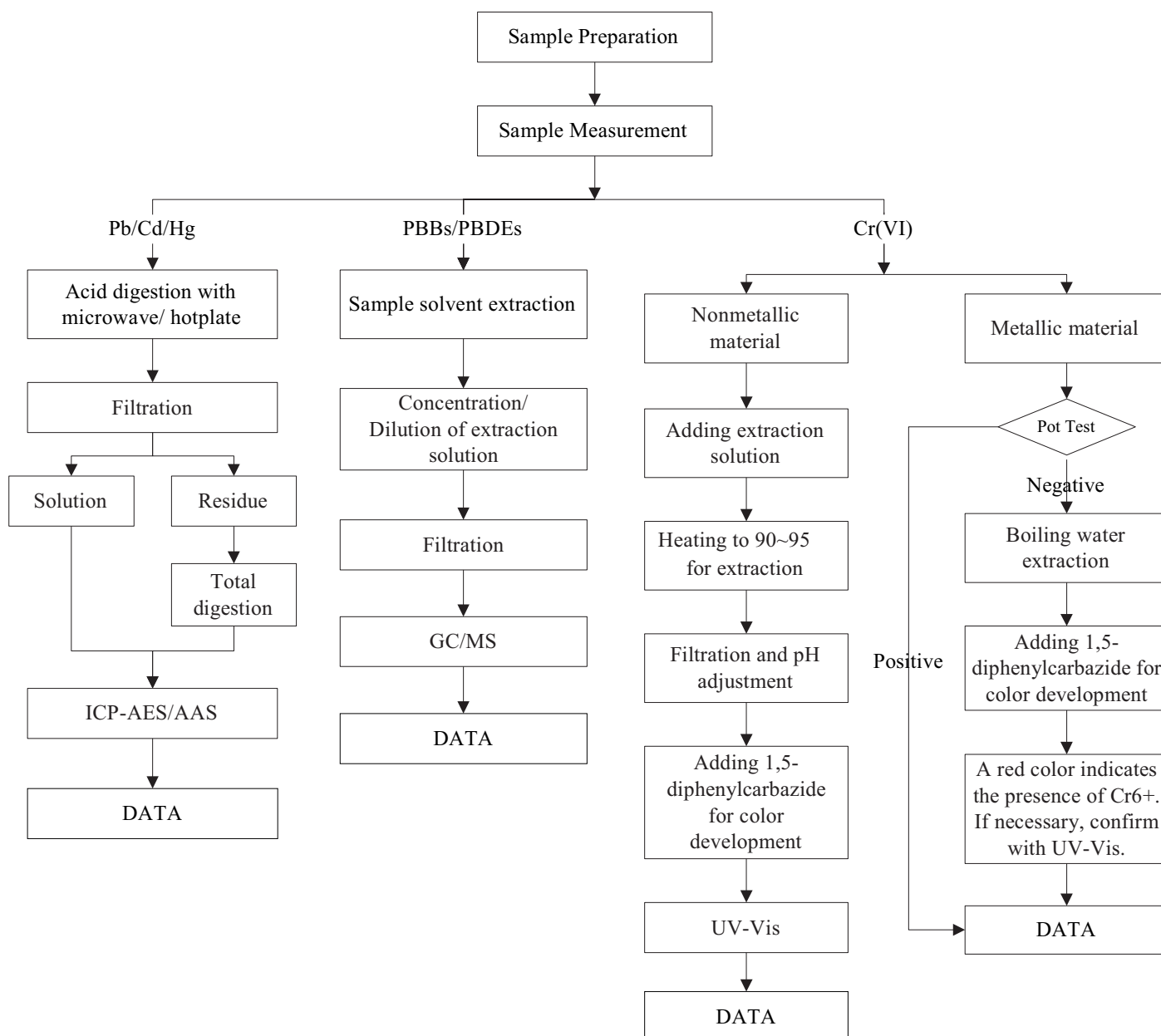
Cadmium, Lead, Mercury, Hexavalent Chromium and PBBs/PBBEs Content (Unit:mg/kg)

Test Items	Test Result	MDL	RoHS Limit
	001		
Cadmium(Cd)	ND	2	100
Lead (Pb)	ND	2	1 000
Mercury (Hg)	ND	2	1 000
Hexavalent Chromium (CrVI)	ND	2	1 000
Sum of PBBs	ND	-	1 000
Monobromobiphenyl	ND	5	-
Dibromobiphenyl	ND	5	-
Tribromobiphenyl	ND	5	-
Tetrabromobiphenyl	ND	5	-
Pentabromobiphenyl	ND	5	-
Hexabromobiphenyl	ND	5	-
Heptabromobiphenyl	ND	5	-
Octabromobiphenyl	ND	5	-
Nonabromobiphenyl	ND	5	-
Decabromobiphenyl	ND	5	-
Sum of PBDEs	ND	-	1 000
Monobromodiphenyl ether	ND	5	-
Dibromodiphenyl ether	ND	5	-
Tribromodiphenyl ether	ND	5	-
Tetrabromodiphenyl ether	ND	5	-
Pentabromodiphenyl ether	ND	5	-
Hexabromodiphenyl ether	ND	5	-
Heptabromodiphenyl ether	ND	5	-
Octabromodiphenyl ether	ND	5	-
Nonabromodiphenyl ether	ND	5	-
Decabromodiphenyl ether#	ND	5	-



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III. RoHS Measurement Flowchart for sample





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IV Appendix



End of report