

Test Report No. GGN/H(FCM)/18/000729
Dated 2018.06.01

Sample Image (As Received)



Component No. A

Note: (1) General Terms & Conditions as mentioned overleaf, (2) The results relate only to the items tested, (3) The test report shall not be reproduced except in full without the written approval of the laboratory, (4) For details of the accredited scope please contact the laboratory or Accreditation body



South Asia

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Dated 2018.06.01

Applicant / Company name : AGRI AND INDUSTRIAL RUBBER LIMITED
Address : Persse Business Park, Ballinasloe, Co Galway, H53 VK10, Ireland
Contact person : Karl O'Mahony
Tested sample : Received on 2018.05.25 at 2:46 p.m.
Test period : 2018.05.26 to 2018.06.01
Sample description : Rubber Animal Toy / Edible Pig Toy, consisting of Centre sphere shape with 12 legs equally spaced protruding from the sphere
Material : Compression moulded rubber
Product type / End use : Animal enrichment device
Part No. / Colour : Luna 86 / Pantone 803 U 2X Yellow
Country of origin : India
Objectives of examination : Total extractives in distilled water and n-hexane as per –
- US FDA 21 CFR 177.2600

Note: The submitted sample(s) is / are Not drawn by the Laboratory

Remarks:

1. Sample(s) is / are tested as on-received basis.
2. Test(s) performed as requested by Applicant.
3. As requested by Applicant, selection of test condition(s) was done in such a way so as to simulate contact with all type of food.

Authorized By

Robin Kumar Tyagi
(Authorised Signatory)

Please Contact:

For any technical issues: Anuradha Dhamija at Anuradha.Dhamija@tuv-sud.in

For any complaint: Krishna Deori at Krishna.Deori@tuv-sud.in

By accepting this document the customer hereby agrees and accepts the 'Terms & Conditions' and the relevant 'Testing & Certification Regulations' of TÜV SÜD South Asia Pvt. Ltd. which are available at Company's website at the link <http://www.tuv-sud.in/in-en/resource-centre/terms-and-conditions>

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Page 2 of 4

Test Report No. GGN/H(FCM)/18/000729
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Material list / List of materials (As confirmed by Applicant)

Component No.	Component Description	Material	Colour
A	Leg part of Rubber Animal Toy (Luna 86) / Edible Pig Toy, consisting of Centre sphere shape with 12 legs equally spaced protruding from the sphere	Compression moulded rubber	Pantone 803 U 2X Yellow

Sampling plan

S. No.	Test	Component No.
1.	Total extractives in distilled water as per US FDA 21 FCR 177.2600	A
2.	Total extractives in n-hexane as per US FDA 21 FCR 177.2600	A

Summary of Test Result(s)

S. No.	Test(s)	Conclusion
1.	Total extractives in distilled water as per US FDA 21 FCR 177.2600	Pass
2.	Total extractives in n-hexane as per US FDA 21 FCR 177.2600	Pass

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Test Result(s):

Total extractives in n-hexane			
Test specification(s): US FDA 21 CFR Part 177.2600 (Rubber articles intended for repeated use);			
Test extractant(s) / simulant(s): n-hexane;			
Test condition(s) / Contact time & temperature: Refer below.			
Component No.	Test condition(s)	Test Result (mg/in ²)	Maximum Permissible Limit (mg/in ²)
A	Reflux temperature for first 7 hours of extraction	7.3	175
	Reflux temperature for succeeding 2 hours of extraction	2.1	4
Limit of Quantification: 0.1 mg/in ²			
Note: (1) "mg/in ² " denotes milligram per square inch.			

Total extractives in distilled water			
Test specification(s): US FDA 21 CFR Part 177.2600 (Rubber articles intended for repeated use);			
Test extractant(s) / simulant(s): Distilled water;			
Test condition(s) / Contact time & temperature: Refer below.			
Component No.	Test condition(s)	Test Result (mg/in ²)	Maximum Permissible Limit (mg/in ²)
A	Reflux temperature for first 7 hours of extraction	0.7	20
	Reflux temperature for succeeding 2 hours of extraction	0.1	1
Limit of Quantification: 0.1 mg/in ²			
Note: (1) "mg/in ² " denotes milligram per square inch.			

--- END OF THE TEST REPORT ---

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