Test Report

Report No : TUV(I)/6616/21-22/0092100699 P-II A

Date : 22 Sep 2021

TUV INDIA PRIVATE LIMITED
TUV India House,
Survey No: 42, 3/1 & 3/2,
Sus, Tal. Mulshi,
Dist. Pune - 411 021
CIN : U74140MH1989PTC052930
Tel. : 020 - 67900000 / 01

Name and address of customer	:	**Sunflex Recycling Pvt Ltd** **Block No.184, Village - Chhatral-Isand Road, Ta. Kalol.** **Dist. Gandhinagar** **Pin Code: 382729**
Name of the sample	:	**EPDM RUBBER GRANULES**
REG No.	:	**6616/21-22**
CA No.	:	**0092100699**
Batch No./ Code no.	:	**Code no – Terracotta Red 0**
Discipline	:	**Chemical**
Product Category	:	**Miscellaneous**
Objectives Of Examination	:	To test for contents of Polycyclic Aromatic Hydrocarbons (PAH) as appear in list on further pages of this report is with reference to AfPS GS 2019:01 PAK.
Regulation Requirement	:	As per detailed report on further page
Date of sample receipt	:	**04 Sep 2021**
Date(s) of analysis	:	**06 Sep 2021 - 17 Sep 2021**
Sample drawn by	:	**Customer**

A) PAH Content

Sr. No.	Name of Analyte	Result	Unit	LOQ	Limit as per Category III	Test Method
	Polycyclic Aromatic Hydrocarbon					
1	Benzo(a)anthracene	<LOQ	mg/kg	0.5	1	Based on AfPS GS 2019:01 PAK Determined by GCMS
2	Chrysene	<LOQ	mg/kg		1	
3	Benzo(a)Pyrene	<LOQ	mg/kg		1	
4	Benzo(k)fluranthene	<LOQ	mg/kg		1	
5	Benzo(g,h,i)Perylene	<LOQ	mg/kg		1	
6	Indino(1,2,3-c,d)pyrene	<LOQ	mg/kg		1	
7	Naphthalene	<LOQ	mg/kg		10	
8	Benzo(b)fluoranthene	<LOQ	mg/kg		1	
9	Dibenzo(a,h)anthracene	<LOQ	mg/kg		1	
10	Benzo(j)fluoranthene	<LOQ	mg/kg		1	
11	Benzo(e)pyrene	<LOQ	mg/kg		1	
12	Phenanthrene	<LOQ	mg/kg		50 SUM	
13	Anthracene	<LOQ	mg/kg			
14	Fluranthene	<LOQ	mg/kg			
15	Pyrene	<LOQ	mg/kg			
	Sum of 15 PAH	<LOQ	mg/kg		50	

LOQ : Limit of Quantification

Note : 1) Given Sample Conforms the test for Polycyclic Aromatic Hydrocarbons according to Category III items
2) For Calculation of 'Sum of 15 PAHs, only those results are considered which are more than or equal to 1 mg/kg.

AfPS (Germen Comissionfor Product Safety) : GS PAHs Requirements

	Parameter	Category 1	Category 2		Category 3	
		Materials intended to be placed in the mouth, or materials in toys according to Directive 2009/48/EC or materials in articles for the use by children up to 3 years of age coming into long-term contact with skin (more than 30s) during the intended usea	Materials not covered by category 1, coming into long-term contact (more than 30s) or short-term repetitive contact[b] with skin during the intended or foreseeable use		Materials not covered by category 1 nor by category 2, coming into short-term contact (up to 30s) with skin during the intended or foreseeable use	
			a. use by children[c, d]	b. other consumer products	a. use by children	b. other consumer products
1	Benzo[a]pyrene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
2	Benzo[e]pyrene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
3	Benzo[a]anthracene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
4	Benzo[b]fluoranthene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
5	Benzo[j]fluoranthene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
6	Benzo[k]fluoranthene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
7	Chrysen mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
8	Dibenenzo[a,h]anthracene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
9	Benzo[ghi]perylene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
10	Indeno[1,2,3-cd]pyrene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1

11	Phenanthrene, Pyrene, Anthracene, Fluoranthene mg/kg	< 1 Sum	< 5 Sum	< 10 Sum	< 20 Sum	< 50 Sum
12	Naphthalene mg/kg	< 1	< 2		< 10	
	Sum 15 PAH mg/kg	< 1	< 5	< 10	< 20	< 50

Sample image is authentic only for the original test report

This is amended & reissued test report with respect to Batch No./Code No. as per customer request.
This Amended Test Report supersedes our earlier Test Report No : TUV(I)/6616/21-22/0092100699 Date : 17 Sep 2021

Authorized by

(Dr. Bharat Ugare)
Assistant Manager-
Instrumentation(Chromatography)

Note – This is Electronically Generated Report Copy.

Terms and Conditions

1. Test Results are based on & related only to the particular sample(s) tested.
2. This Report cannot be re-produced, except when in full, without the written permission from TUV India Pvt. Ltd.
3. This Certificate reflects our findings at the time and place of testing.
4. Sample(s) will be retained by us for a period of one month for non-perishable items only. Perishable items will be destroyed after completion of tests.
5. This Report, in full or in part, shall not be used to make any misleading claims or for any legal purposes., for complete report refer P-I & P-III.
6. All terms and conditions of our quotation on the basis of which this testing service has been provided are deemed to be fully accepted by the customer and are deemed to be in full force and effect.
7. This Report is exclusively for the use of the customer whose name and address is indicated above. No third party can derive rights against the company on the basis of this report. No third party has any right to raise any claims on the company.
8. For Biological and mycotoxin Analysis: Our analytical findings reflect the quality of the sample at the time of testing. No responsibility can be accepted for the possible consequences of further development of micro-organisms or mycotoxin which may depend upon storage, handling & weathers conditions which may influence the results at a later date/time respectively.
9. The laboratory tests are conducted by TUV India as per mutual agreement without any implied warranty of merchantability and fitness for any general or particular use. TUV India will not be liable for any claims for indirect, incidental or consequential damages including but not limited to loss of revenue, loss of profits and similar claims. TUV India will also not be liable under any strict liability, product liability or negligence. The total liability, scientifically and legally proven, if any, of TUV India, in any case, shall not exceed the invoiced amount for the services provided and paid for.
10. For Pesticide Residue analysis, reported value at LOQ level may vary within analytical variation of 50% considering Uncertainty of Measurement.
11.This Test Report is not covered under NABL scope of Accreditation.

-- End of Report --