

# TEST REPORT

Test Report No. RPT/H(FCM)/25/000739  
Dated 2025.03.17



**Laboratory:**  
TUV SUD South Asia Pvt. Ltd.  
S. F. No. 139/1B,  
Ammananthangal Village,  
Chennai – Bangalore Road (NH – 46)  
Walajapet – 632513, Ranipet district,  
Tamil Nadu, India

Phone :+91 4172 281 300  
Fax :+91 4172 281 303  
E-Mail : Vivek.G@tuvsud.com  
Url : www.tuvsud.com  
ControlNo:15310221.010224.018

**Registered Office:**  
TUV SUD South Asia Pvt. Ltd.  
TUV SUD House  
Off Saki Vihar Road  
Saki Naka, Andheri (East),  
Mumbai – 400072. India

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Applicant	:	<b>AVON ADVANCED MATERIALS COMPANY</b> 31-A/19,4th Cross Main Road, Sidco Industrial Estate,Ambattur Chennai;Tamil Nadu-600098 India
Attention	:	Mr. Mihir Gireeshan
Tested Sample	:	Received on 2024.02.21, 4:10 PM
Test Period	:	2024.02.22 to 2024.03.17
Sample Description	:	<b>Sample A:</b> CARBON THRUST PADS (AC-10X) in Color: BLACK
End Use (Type of Food)	:	MECHANICAL SEALS & BEARINGS
Country of Origin	:	INDIA
Country of Destination	:	MULTIPLE
Objectives of Examination	:	To test Total Extractives, Extracted Phenol and Extracted Aniline as Applicant's requisition.

Note: The submitted samples are Not Drawn by the Laboratory. Sample tested as received.

Unless otherwise agreed upon, PASS or FAIL verdicts are given based on the measured values without any considerations of measurement uncertainties. Every test method has a measurement uncertainty which has been evaluated by the laboratory and are available on request. By taking measurement uncertainties into account it might happen that measured values can neither be assessed as PASS nor as FAIL.

1. The testing conditions are followed as per the reported test standard. For additional test conditions, apart from the reported test conditions, the laboratory can be contacted for details. 2. The laboratory will retain the sample(s) for 45 days except for the mandatory retention period specified by the Regulatory Bodies and unless otherwise specified by the client.

## Remarks:

1. Sample(s) is / are tested as on-received basis.
2. Test(s) performed as requested by applicant.
3. Selection of test conditions was done as requested by applicant.
4. Also, as requested by applicant, conclusions of the tests were drawn as per / against regulation(s) / compliance requirement(s) / Limit Max specified by applicant
5. Tests are Subcontracted to TUV SUD South Asia Pvt Ltd., Gurugram (India).

## Authorized By

Balakrishnan Pichaipillai  
(Authorised Signatory)

## Please contact :

For any technical issues : C. Arun at C.Arun@tuvsud.com

For any complaint: R.Rakesh a rakesh.r@tuvsud.com

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-<https://www.tuvsud.com/en-in/terms-and-conditions>

**Note: The test report is electronically generated. Hence original signature is not required.**

Note : (1) The results relate only to the items tested, (2) The test report shall not be reproduced except in full without the written approval of the laboratory,

(3) Any use for advertising purposes must be granted in writing. This technical report may only be quoted in full. This report is the result of a single examination of the object in question and is not generally applicable evaluation of the quality of other products in regular production. For further details, please see testing and certification regulation, chapter A-3.4. (4) The correctness of the information related to sample(s) in the Test Request Form/Customer letterhead/Email is the customer's responsibility. The laboratory reports the said information in the test report and is not liable for the same.

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## Material list / List of material(s) (As confirmed by Applicant)

Component No.	Component description	Material	Colour
A	Carbon Thrust Pads	-	Black

## Sampling plan (As requested by Applicant)

S. No.	Test	Component No.
1	Total Extractives	A
2	Extracted Phenol	A
3	Extracted Aniline	A

## Summary of Test Result(s)

S. No.	Test(s)	Conclusion
1	Total Extractives	Pass
2	Extracted Phenol	Pass
3	Extracted Aniline	Pass

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## Test Results: Non-Accredited Parameters

### 1.0 Total Extractive:

Test specification(s) & method(s) adopted: US FDA 21 CFR 177.2410;  
Simulant(s) used: Refer below;  
Test condition(s): Refer below;

Simulant used	Test condition	A (mg/in <sup>2</sup> )	Limit Max.(mg/in <sup>2</sup> )	Conclusion
Distilled water	Reflux temperature for 2 hours	ND	0.15	Pass

Limit of quantification: 0.1 mg/in<sup>2</sup>

Note: (1) "mg/in<sup>2</sup>" denotes milligram per square inch; (2) "°F" denotes degree Fahrenheit; (3) "ND" denotes Not Detected or below limit of quantification.

### 2.0 Extracted Phenol:

Test specification(s) & method(s) adopted: US FDA 21 CFR 177.2410;  
Simulant(s) used: Refer below;  
Test condition(s): Refer below;

Simulant used	Test condition	A (mg/in <sup>2</sup> )	Limit Max.(mg/in <sup>2</sup> )	Conclusion
Distilled water	Reflux temperature for 2 hours	ND	0.005	Pass

Limit of quantification: 0.005 mg/in<sup>2</sup>

Note: (1) "mg/in<sup>2</sup>" denotes milligram per square inch; (2) "ND" denotes Not Detected or below limit of quantification.

### 3.0 Extracted Aniline:

Test specification(s) & method(s) adopted: US FDA 21 CFR 177.2410;  
Simulant(s) used: Refer below;  
Test condition(s): Refer below;

Simulant used	Test condition	A (mg/in <sup>2</sup> )	Limit Max.(mg/in <sup>2</sup> )	Conclusion
Distilled water	Reflux temperature for 2 hours	ND	0.006	Pass

Limit of quantification: 0.005 mg/in<sup>2</sup>

Note: (1) "mg/in<sup>2</sup>" denotes milligram per square inch; (2) "ND" denotes Not Detected or below limit of quantification.

-- END OF THE TEST REPORT --

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