



**SISCO
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PVT. LTD.**

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Certificate of Analysis

Product	61273 - Anthracene (High Purity) scintillation grade, 99.7% - [120-12-7]
Batch No	1174709
Analysis Date	06-Feb-2024
Date of Manufacture	February 2024
Expiry Date/Re-Test Date	February 2029
Molecular Formula	C ₁₄ H ₁₀
Molecular Weight	178.23

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline compound	Crystalline compound
Solubility (Turbidity) 0.5% solution in Dioxane	Clear	Clear
Solubility (Colour) 0.5% solution in Dioxane	Colourless	Colourless
Solubility (Turbidity) 0.2% solution in hot Methanol	Clear	Clear
Solubility (Colour) 0.2% solution in hot Methanol	Colourless	Colourless
Assay (UV)	min. 99.7%	99.9%
Melting Point	214 - 216°C	215.8°C
Sulphated Ash	max. 0.1%	0.02%
Water (KF)	max. 0.1%	0.06%

FRM/82/11/4/61273 Rev No. 1 Date 01/21/2018

Prepared by Prasad

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Taloja – 410 208, Maharashtra, India

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