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Certificate of Analysis

Product	96476 - Anthrone extrapure AR, 98% - [90-44-8]
Batch No	5289055
Analysis Date	20-Apr-2024
Date of Manufacture	April 2024
Expiry Date/Re-Test Date	April 2029
Molecular Formula	C ₁₄ H ₁₀ O
Molecular Weight	194.24

Test Parameters	Standards	Actual Results
Appearance (Colour)	Pale yellow	Pale yellow
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (turbidity) 2% solution in Ethyl Acetate	Clear	Clear
Assay (GC)	min. 98%	99.1%
Melting Point	153 - 159°C	155.5°C
Sensitivity to carbohydrate	Passes test	Passes
Absorbance of reagent solution		
@425nm	max. 0.75	0.591
@620nm	max. 0.045	0.026

FRM/82/11/4/96476 Rev No. 5 Date 18/04/2024

Prepared by Yogesh

In compliance with the standard specifications of SRL

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

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