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PVT. LTD.**

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Certificate of Analysis

Product	49982 - Luminol extrapure, 98% - [521-31-3]
Batch No	8459670
Analysis Date	23-Jan-2025
Date of Manufacture	January 2025
Expiry Date/Re-Test Date	January 2030
Molecular Formula	C ₈ H ₇ N ₃ O ₂
Molecular Weight	177.16

Test Parameters	Standards	Actual Results
Appearance (Colour)	Yellow	Yellow
Appearance (Form)	Coloured powder	Coloured powder
Solubility (Turbidity) 1% solution in 1N NaOH	Clear	Clear
Assay (by Neutralization)	min. 98.0%	98.2%
Loss on drying	max. 1%	0.2%
Molar Extinction coefficient (ε)	~7650	7435
A _{300nm} /A _{347nm}	0.899 (±0.011)	0.902
IR Identification Test	Passes test	Passes

FRM/82/11/4/49982 Rev No. 2 Date 25/03/2023

Prepared by Komal

In compliance with the standard specifications of SRL

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

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