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Certificate of Analysis

Product	49982 - Luminol extrapure, 98% - [521-31-3]
Batch No	2446560
Analysis Date	03-Mar-2024
Date of Manufacture	March 2024
Expiry Date/Re-Test Date	March 2029
Molecular Formula	C8H7N3O2
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%	98.4%
Loss on drying	max. 1%	0.9%
Molar Extinction coefficient (ϵ)	~7650	7408
A300nm/A347nm	0.899 (± 0.011)	0.889
IR Identification Test	Passes test	Passes

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

Prepared by Yogesh

In compliance with the standard specifications of SRL

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

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