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Certificate of Analysis

Product	55058 - Ninhydrin extrapure AR, 99% - [485-47-2]
Batch No	1466185
Analysis Date	19-Jun-2024
Date of Manufacture	June 2024
Expiry Date/Re-Test Date	June 2029
Molecular Formula	C ₉ H ₆ O ₄
Molecular Weight	178.14

Test Parameters	Standards	Actual Results
Appearance (Colour)	Pale yellow	Pale yellow
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 1% aq. solution	Clear	Clear
Solubility (Colour) 1% aq. solution	Pale yellow	Pale yellow
Assay (UV)	min. 99%	99.7%
Melting Point (Decomposition)	250 - 255°C	255°C
Sulphated Ash	max. 0.1%	0.07%
Sensitivity to amino acids	Passes test	Passes
Suitability as Reagent for Amino acids	Passes test	Passes

FRM/82/11/4/55058 Rev No. 2 Date 19/06/2024

Prepared by Vivek

In compliance with the standard specifications of SRL

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

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