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Certificate of Analysis

Product	93940 - Ninhydrin extrapure AR, ACS, ExiPlus™, 99% - [485-47-2]
Batch No	4885877
Analysis Date	29-Aug-2019
Date of Manufacture	August 2019
Expiry Date/Re-Test Date	August 2024
Molecular Formula	C ₉ H ₆ O ₄
Molecular Weight	178.14

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of BP, Ph.Eur	Passes
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	min. 99%	99.88%
pH (1% aq. solution)	4.6 - 5.0	4.7
Melting Point (Decomposition)	250 - 255°C	255°C
Sulphated Ash	max. 0.1%	0.008%
Sensitivity to amino acids	Passes test	Passes
Suitability as Reagent for Amino acids	Passes test	Passes

FRM/82/11/4/93940 Rev No. 1 Date 01/11/2015

Prepared by Kiran

In compliance with the standard specifications of SRL

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

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