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Certificate of Analysis

Product	12914 - Potassium Ferrocyanide extrapure AR, ACS, ExiPlus, Multi-Compendial, 99% - [14459-95-1]
Batch No	5596730
Analysis Date	16-Mar-2024
Date of Manufacture	March 2024
Expiry Date/Re-Test Date	March 2029
Molecular Formula	$K_4Fe(CN)_6 \cdot 3H_2O$
Molecular Weight	422.39

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP, Ph.Eur	Passes
Appearance (Colour)	Pale yellow	Pale yellow
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Assay (Complexometric)	min. 99%	99.6%
Insoluble matter	max. 0.005%	0.002%
Chloride (Cl)	max. 0.01%	Passes
Sulphate (SO ₄)	max. 0.005%	Passes
Heavy Metals (Pb)	max. 0.002%	Passes
Sodium (Na)	max. 0.01%	Passes

FRM/82/11/4/12914 Rev No. 2 Date 03/07/2022

Prepared by **Mayur**

In compliance with the standard specifications of SRL

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

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