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Certificate of Analysis

Product	59115 - Potassium Thiocyanate extrapure AR, ACS, ExiPlus, Multi-Compendial, 99% - [333-20-0]
Batch No	8081229
Analysis Date	23-Mar-2024
Date of Manufacture	March 2024
Expiry Date/Re-Test Date	March 2029
Molecular Formula	KSCN
Molecular Weight	97.18

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP, Ph.Eur	Passes
Appearance (Colour)	White	White
Appearance (Form)	Crystalline hygroscopic compound	Crystalline hygroscopic compound
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (ex Cl)	min. 99%	99.3%
pH (10% aq. solution)	5.5 - 8.0	6.33
Chloride (Cl)	max. 0.005%	Passes
Sulphate (SO ₄)	max. 0.002%	Passes
Iron (Fe)	max. 0.0001%	Passes
Heavy Metals (Pb)	max. 0.0002%	Passes
Copper (Cu)	max. 0.0002%	Passes
Ammonium (NH ₄)	max, 0.002%	Passes
Sulphide (S)	max. 0.001%	Passes
Iodine reducing substances (I)	max. 0.015%	Passes
Sodium (Na)	max 0.005%	Passes

FRM/82/11/4/59115 Rev No. 1 Date 07/26/2018

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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