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Certificate of Analysis

Product	40707 - Potassium Oxalate Monohydrate extrapure AR, ACS, 99.5% - [6487-48-5]
Batch No	1025053
Analysis Date	30-Jun-2024
Date of Manufacture	June 2024
Expiry Date/Re-Test Date	June 2029
Molecular Formula	K ₂ C ₂ O ₄ .H ₂ O
Molecular Weight	184.24

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (Redox Titration)	min. 99.5%	99.7%
pH (5% aq. solution)	7.0 - 8.5	7.8
Chloride (Cl)	max. 0.001%	Passes
Sulphate (SO ₄)	max. 0.01%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Copper (Cu)	max. 0.0005%	Passes
Nitrogen compounds	max. 0.002%	Passes
Sodium (Na)	max. 0.02%	Passes
Insoluble matter	max. 0.01%	0.005%
Ammonium (NH ₄)	max. 0.002%	Passes
Substances darkened by hot Sulfuric acid	Passes test	Passes
Neutrality	Passes test	Passes

FRM/82/11/4/40707 Rev No. 2 Date 06/05/2023

Prepared by Prasad

In compliance with the standard specifications of SRL

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

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