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PVT. LTD.**

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Certificate of Analysis

Product	51470 - Potassium Permanganate extrapure AR, 99.5% - [7722-64-7]
Batch No	2678629
Analysis Date	10-Apr-2024
Date of Manufacture	April 2024
Expiry Date/Re-Test Date	April 2029
Molecular Formula	KMnO ₄
Molecular Weight	158.03

Test Parameters	Standards	Actual Results
Appearance (Colour)	Dark green or purple or black	Dark green
Appearance (Form)	Crystals/ Granules/ Powder	Crystals
Solubility (Turbidity) 5% aq. solution	Clear	Clear
Solubility (Colour) 5% aq. solution	Dark pink	Dark pink
Assay (Iodometric)	min. 99.5%	99.6%
Chloride (Cl)	max. 0.005%	Passes
Sulphate (SO ₄)	max. 0.005%	Passes
Iron (Fe)	max. 0.002%	Passes
Heavy Metals (Pb)	max. 0.002%	Passes
Copper (Cu)	max. 0.002%	Passes
Nitrogen Compounds (N)	max. 0.015%	Passes

FRM/82/11/4/51470 Rev No. 3 Date 13/09/2022

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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