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Certificate of Analysis

Product	38630 - Potassium Chloride ACS, 99.5% - [7447-40-7]
Batch No	7043483
Analysis Date	11-May-2024
Date of Manufacture	May 2024
Expiry Date/Re-Test Date	May 2029
Molecular Formula	KCl
Molecular Weight	74.55

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 (AT)	min. 99.5%	99.7%
pH (5% aq. solution)	5.4 - 8.6	5.6
Water Insoluble matter	max. 0.005%	0.001%
Bromide (Br)	max. 0.01%	Passes
Iodide (I)	max. 0.002%	Passes
Sulphate (SO ₄)	max. 0.001%	Passes
Phosphate (PO ₄)	max. 0.0005%	Passes
Barium (Ba)	Passes test	Passes
Calcium (Ca)	max. 0.002%	Passes
Iron (Fe)	max. 0.0003%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Sodium (Na)	max. 0.005%	Passes
Magnesium (Mg)	max. 0.001%	Passes
Chlorate & Nitrate (NO ₃)	max. 0.003%	Passes

FRM/82/11/4/38630 Rev No. 4 Date 18/04/2024

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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