



**SISCO  
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PVT. LTD.**

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## Certificate of Analysis

<b>Product</b>	<b>71088 - Potassium Chloride for tissue culture, 99.5% - [7447-40-7]</b>
<b>Batch No</b>	<b>5289650</b>
<b>Analysis Date</b>	11-May-2024
<b>Date of Manufacture</b>	May 2024
<b>Expiry Date/Re-Test Date</b>	May 2029
<b>Molecular Formula</b>	KCl
<b>Molecular Weight</b>	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
Insoluble matter	max. 0.005%	0.001%
Sulphate (SO <sub>4</sub> )	max. 0.001%	Passes
Iron (Fe)	max. 0.0003%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Phosphate (PO <sub>4</sub> )	max. 0.0005%	Passes
Bromide (Br)	max. 0.01%	Passes
Chlorate & Nitrate (NO <sub>3</sub> )	max.0.003%	Passes
Iodide (I)	max. 0.002%	Passes
Sodium (Na)	max. 0.005%	Passes
Calcium (Ca)	max.0.002%	Passes
Magnesium (Mg)	max. 0.001%	Passes
Barium (Ba)	Passes Test	Passes
Suitability for Tissue Culture	Passes Test	Passes

FRM/82/11/4/71088 Rev No. 3 Date 16/08/2023

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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