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## Certificate of Analysis

<b>Product</b>	<b>71244 - Cupric Sulphate Pentahydrate extrapure AR, ACS, ExiPlus, Multi-Compendial, 99.5% - [7758-99-8]</b>
<b>Batch No</b>	<b>7595735</b>
<b>Analysis Date</b>	31-Dec-2023
<b>Date of Manufacture</b>	December 2023
<b>Expiry Date/Re-Test Date</b>	December 2028
<b>Molecular Formula</b>	CuSO <sub>4</sub> .5H <sub>2</sub> O
<b>Molecular Weight</b>	249.68

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of BP, Ph.Eur	Passes
Appearance (Colour)	Blue	Blue
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Blue	Blue
Assay (Iodometric)	min. 99.5%	99.8%
pH (5% aq. solution)	3.8 - 4.5	3.98
Insoluble matter	max. 0.005%	0.004%
Chloride (Cl)	max. 0.0005%	Passes
Iron (Fe)	max. 0.003%	Passes
Heavy Metals (Pb)	max. 0.005%	Passes
Sodium (Na)	max. 0.005%	Passes
Nitrogen Compounds (N)	max. 0.002%	Passes
Nickel (Ni)	max. 0.005%	Passes
Calcium (Ca)	max. 0.005%	Passes
Potassium (K)	max. 0.01%	Passes

FRM/82/11/4/71244 Rev No. 2 Date 04/07/2022

Prepared by Priti

In compliance with the standard specifications of SRL

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

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1/1

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