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Certificate of Analysis

Product

**89797 - Cupric Chloride Dihydrate ACS, ExiPlus,
Multi-Compendial, 99% - [10125-13-0]**

Batch No

5379256

Analysis Date

06-Jun-2024

Date of Manufacture

June 2024

Expiry Date/Re-Test Date

June 2029

Molecular Formula

CuCl₂. 2H₂O

Molecular Weight

170.48

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP	Passes
Appearance (Colour)	Bluish green	Bluish green
Appearance (Form)	Crystalline compound	Crystalline compound
Solubility (Turbidity) 10% solution 5N HCl	Clear	Clear
Solubility (Colour) 10% solution 5N HCl	Green	Green
Assay (Iodometric)	min. 99%	99.6%
Water Insoluble matter	max. 0.01%	Nil
Sulphate (SO ₄)	max. 0.005%	Passes
Iron (Fe)	max. 0.005%	Passes
Calcium (Ca)	max. 0.005%	Passes
Nickel (Ni)	max. 0.01%	Passes
Potassium (K)	max. 0.01%	Passes
Sodium (Na)	max. 0.02%	Passes
Loss on drying	20.9 - 21.4% (at 105°C for 16 hrs)	21.2%

FRM/82/11/4/89797 Rev No. 4 Date 19/02/2024

Prepared by Komal

In compliance with the standard specifications of SRL

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

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