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Certificate of Analysis

Product **65508 - Hydroxylamine Hydrochloride extrapure AR, ACS, ExiPlus, Multi-Compendial, 99% - [5470-11-1]**

Batch No **2800710**

Analysis Date 03-Mar-2024

Date of Manufacture March 2024

Expiry Date/Re-Test Date March 2029

Molecular Formula NH₂OH.HCl

Molecular Weight 69.49

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of BP, Ph.Eur, USP	Passes
Appearance (Colour)	White	White
Appearance (Form)	Crystalline compound	Crystalline compound
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (by Neutralization)	min.99%	99.02%
pH (5% aq. solution)	2.3 - 3.5	3.1
Clarity of alcohol solution	Passes test	Passes
Titration free acid	max.0.25meq/g	0.20 meq/g
Sulphate (SO ₄)	max.0.002%	Passes
Iron (Fe)	max. 0.0005%	Passes
Sulphated Ash	max.0.01%	0.01%
Heavy Metals (Pb)	max. 0.0005%	Passes
Copper (Cu)	max. 0.0005%	Passes
Ammonium (NH ₄)	max.0.1%	Passes

FRM/82/11/4/65508 Rev No. 7 Date 10/01/2023

Prepared by **ThakurRohit**

In compliance with the standard specifications of SRL

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

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