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Certificate of Analysis

Product

**68413 - Guanidine Hydrochloride (GHC) ExiPlus,
Multi-Compendial, 99% - [50-01-1]**

Batch No

1096245

Analysis Date

19-Jun-2024

Date of Manufacture

June 2024

Expiry Date/Re-Test Date

June 2029

Molecular Formula

CH₅N₃.HCl

Molecular Weight

95.53

Test Parameters	Standards	Actual Results
ExiPlus	Meets compendial specs of BP, USP	Passes
Appearance (Colour)	White	White
Appearance (Form)	Crystalline compound	Crystalline compound
Solubility (Turbidity) 6M aq. solution	Clear	Clear
Solubility (Colour) 6M aq. solution	Colourless	Colourless
Assay (NT)	min. 99.5%	99.8%
Melting Point	181 - 186°C	184.8°C
pH (6M aq. solution)	4.5 - 6.0	5.4
Sulphated Ash	max. 0.01%	0.01%
Iron (Fe)	max. 0.0005%	Passes
Sulphate (SO ₄)	max. 0.005%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Absorbance (A) of 6M aq. solution in a 1cm cell v/s H ₂ O		
@260nm	max. 0.03	0.030
@270nm	max. 0.03	0.017
@280nm	max. 0.02	0.010
Water (KF)	max. 0.5%	0.48%
DNase, RNase, Protease	Not detected	Not detected

FRM/82/11/4/68413 Rev No. 1 Date 13/02/2024

Prepared by **Dhanashree**

In compliance with the standard specifications of SRL

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

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