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Certificate of Analysis

Product	84025 - L-Aspartic Acid extrapure CHR, 99% - [56-84-8]
Batch No	3850956
Analysis Date	16-Nov-2023
Date of Manufacture	November 2023
Expiry Date/Re-Test Date	November 2028
Molecular Formula	C4H7NO4
Molecular Weight	133.10

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% solution 2N HCl	Clear	Clear
Solubility (Colour) 10% solution 2N HCl	Colourless	Colourless
Assay (NT)	min. 99%	99.1%
Specific rotation [α]	+24° to +26° (C=2 , 5N HCl)	+25.610°
Loss on drying	max. 0.5%	0.1%
Sulphated Ash	max. 0.1%	0.02%
Chloride (Cl)	max. 0.01%	Passes
Sulphate (SO4)	max. 0.01%	Passes
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Ammonium (NH4)	max. 0.02%	Passes
Homogeneity by TLC	Passes test	Passes

FRM/82/11/4/84025 Rev No. 2 Date 18/07/2022

Prepared by Jayesh

In compliance with the standard specifications of SRL

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

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