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Certificate of Analysis

Product	61126 - D-Glutamic Acid extrapure CHR, 99% - [6893-26-1]
Batch No	1811054
Analysis Date	11-Jun-2024
Date of Manufacture	June 2024
Expiry Date/Re-Test Date	June 2029
Molecular Formula	C5H9NO4
Molecular Weight	147.13

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% solution in 2N HCl	Clear	Clear
Solubility (Colour) 10% solution 2N HCl	Colourless	Colourless
Assay (NT)	min. 99%	99.3%
Specific rotation $[\alpha]$	- 31° to -32° (C=5, N HCl)	- 31.1°
Loss on drying	max. 0.3%	0.2%
Sulphated Ash	max. 0.1%	0.06%
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Homogeneity by TLC	Passes test	Passes

FRM/82/11/4/61126 Rev No. 1 Date 11/06/2018

Prepared by Dnyaneshwar

In compliance with the standard specifications of SRL

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

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