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## Certificate of Analysis

<b>Product</b>	<b>81245 - L-Aspartic Acid ExiPlus, Multi-Compendial, 99% - [56-84-8]</b>
<b>Batch No</b>	<b>2058204</b>
<b>Analysis Date</b>	21-Oct-2023
<b>Date of Manufacture</b>	October 2023
<b>Expiry Date/Re-Test Date</b>	October 2028
<b>Molecular Formula</b>	C4H7NO4
<b>Molecular Weight</b>	133.10

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of BP	Passes
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%	99.3%
Specific rotation $[\alpha]$	+24° to +26° (C=2 , 5N HCl)	+24.846°
Loss on drying	max. 0.5%	0.04%
Sulphated Ash	max. 0.1%	0.05%
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/82/11/4/81245 Rev No. 2 Date 18/07/2022

Prepared by **Prajakta**

In compliance with the standard specifications of SRL

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

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