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Certificate of Analysis

Product	95365 - D-Proline extrapure CHR, 99% - [344-25-2]
Batch No	5773368
Analysis Date	16-Oct-2022
Date of Manufacture	October 2022
Expiry Date/Re-Test Date	October 2027
Molecular Formula	C5H9NO2
Molecular Weight	115.13

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to off-white	Off-white
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 5% aq. solution	Clear	Clear
Solubility (Colour) 5% aq. solution	Colourless to faint yellow	Faint yellow
Assay	min. 99%	99.7%
Specific rotation [α]	+84° to +85° (C=5, Water)	+85°
Loss on drying	max. 0.5%	0.16%
Sulphated Ash	max. 0.1%	0.05%
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Homogeneity by TLC	Passes test	Passes

FRM/82/11/4/95365 Rev No. 1 Date 06/09/2019

Prepared by Prasad

In compliance with the standard specifications of SRL

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

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