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Certificate of Analysis

Product	21562 - D-Valine extrapure CHR, 99% - [640-68-6]
Batch No	2509617
Analysis Date	03-Nov-2022
Date of Manufacture	November 2022
Expiry Date/Re-Test Date	November 2027
Molecular Formula	C5H11NO2
Molecular Weight	117.15

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 in 2N HCl	Colourless	Colourless
Assay (NT)	min. 99%	99.1%
Specific rotation [α]	-25° to -27° (C=5, 5NHCl)	-26.972°
Loss on drying	max. 0.3%	0.2%
Sulphated Ash	max. 0.1%	0.1%
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Homogeneity by TLC	Passes test	Passes

FRM/82/11/4/21562 Rev No. 1 Date 10/30/2017

Prepared by PPatil

In compliance with the standard specifications of SRL

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

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