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Certificate of Analysis

Product	14159 - DL-Valine extrapure CHR, 99% - [516-06-3]
Batch No	2171321
Analysis Date	06-Feb-2022
Date of Manufacture	February 2022
Expiry Date/Re-Test Date	February 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 2N HCl	Clear	Clear
Solubility (Colour) 10% solution 2N HCl	Colourless	Colourless
Assay	min. 99%	99.7%
Loss on drying	max. 0.5%	0.02%
Sulphated Ash	max. 0.1%	0.01%
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. 0.01%	Passes
Homogeneity by TLC	Passes test	Passes

FRM/82/11/4/14159 Rev No. 1 Date 01/11/2015

Prepared by **Mayur**

In compliance with the standard specifications of SRL

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

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