SISCO RESEARCH LABORATORIES PVT. LTD.	Certificate of Analysis	
Product	38052 - L-Valine Methyl Ester Hydrochloride extrapure, 99% - [6306-52-1]	
Batch No Analysis Date Date of Manufacture Expiry Date/Re-Test Date	6201759 20-Jan-2021 January 2021 January 2026	
Molecular Formula Molecular Weight	C6H13NO2.HCl 167.62	
Test Parameters	Standards	Actual Results
Appearance (Colour)	White to off-white	Off-white
Appearance (Form)	Powder	Powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Assay	min. 99%	99.3%
Specific rotation [a]	+23° to +24° [C= 2 ; Methanol]	+24°
Melting Point	165 - 170°C	170°C

FRM/82/11/4/38052 Rev No. 1 Date 03/12/2018

In compliance with the standard specifications of SRL

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road, Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800 Prepared by Amruta

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

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an ISO 9001-2015 Certified Company