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Certificate of Analysis

Product	75164 - DL-Threonine extrapure CHR, 99% - [80-68-2]
Batch No	8715866
Analysis Date	11-Nov-2023
Date of Manufacture	November 2023
Expiry Date/Re-Test Date	November 2028
Molecular Formula	C4H9NO3
Molecular Weight	119.12

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Cystalline powder	Cystalline powder
Solubility (Turbidity) 10% solution 2N HCl	Clear	Clear
Solubility (Colour) 10% solution 2N HCl	Colourless	Colourless
Assay (NT)	min. 99%	99.8%
Loss on drying	max. 0.5%	0.19%
Sulphated Ash	max. 0.1%	0.05%
Chloride (Cl)	max. 0.005%	Passes
Sulphate (SO4)	max. 0.03%	Passes
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Ammonium (NH4)	max. 0.001%	Passes
Homogeneity by TLC	Passes test	Passes

FRM/82/11/4/75164 Rev No. 2 Date 06/07/2023

Prepared by **Mayur**

In compliance with the standard specifications of SRL

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

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