



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

www.srlchem.com

Certificate of Analysis

Product	18917 - L-Tyrosine for tissue culture, 99% - [60-18-4]
Batch No	8221978
Analysis Date	27-Aug-2022
Date of Manufacture	August 2022
Expiry Date/Re-Test Date	August 2027
Molecular Formula	C ₉ H ₁₁ NO ₃
Molecular Weight	181.19

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to off white	Off white
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 5% solution in 2N HCl	Clear	Clear
Assay (NT)	min. 99%	99.6%
Specific rotation [α]	-12° to -10° (C=4, N HCl)	-10.832°
Loss on drying	max. 0.5%	0.02%
Sulphated Ash	max. 0.1%	0.05%
Chloride (Cl)	max. 0.01%	Passes
Sulphate (SO ₄)	max. 0.01%	Passes
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Ammonium (NH ₄)	max. 0.01%	Passes
Homogeneity by TLC	Passes test	Passes
Suitability for Tissue Culture	Passes	Passes

FRM/82/11/4/18917 Rev No. 3 Date 27/08/2022

Prepared by Komal

In compliance with the standard specifications of SRL

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

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

1/1

an ISO 9001-2015, 17025:2017, CE, GMP Certified Company

This COA has been generated electronically and it is valid without signature.