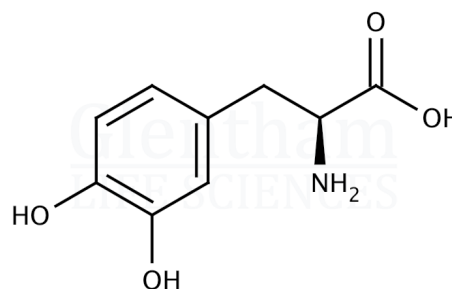


Certificate of Analysis

Product Name	3,4-Dihydroxy-L-phenylalanine
Glentham Code	GM9724
CAS Number	59-92-7
EINECS	200-445-2
MDL Number	MFCD00002598
PubChem SID	310271846
Batch Number	154GWQ
Molecular Weight	197.19
Molecular Formula	$C_9H_{11}NO_4$
Storage Temp.	+20°C



Property	Specification	Batch 154GWQ
Physical Description	White, off-white or beige crystalline powder	Off-white crystalline powder
Specific Optical Rotation ($[\alpha]_{20/D}$)	-9.0 - -13.0 ° (c=1, 1M HCl)	-10.8°
Residue on Ignition	≤ 0.1%	0.06%
Loss on Drying	≤ 1.0%	0.7%
Purity (HPLC)	≥ 98.5%	99.7%

Specification Version	v1.0
Manufacture Date	2022-12-09
Re-Test Date	2031-07-06

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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