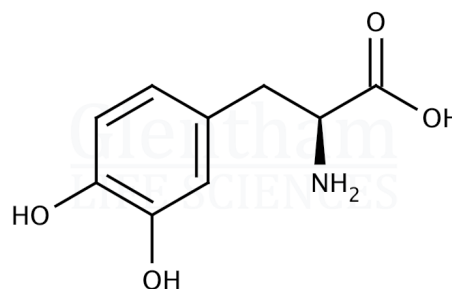


Certificate of Analysis

Product Name 3,4-Dihydroxy-L-phenylalanine
Glentham Code GM9724
CAS Number 59-92-7
EINECS 200-445-2
MDL-Nummer 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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