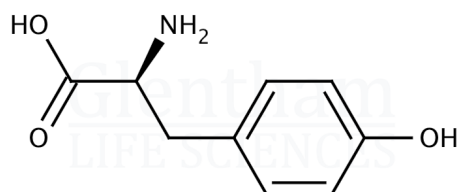


Product Specification

Product Name	L-Tyrosine, USP grade, non-animal origin
Glentham Code	GM1911
CAS Number	60-18-4
EINECS	200-460-4
MDL-Nummer	MFCD00002606
Molecular Weight	181.19
Molecular Formula	$C_9H_{11}NO_3$
Storage Temp.	+20°C



Property	Specification
Physical Description	White crystalline powder
Identification (IR)	To conform to standard
Specific Optical Rotation ($[\alpha]_{20/D}$)	-9.8 - -11.2 °
Chloride (Cl)	≤ 0.04%
Sulphate (SO ₄)	≤ 0.04%
Iron (Fe)	≤ 30ppm
Heavy Metals (as Pb)	≤ 15ppm
Lead (Pb)	≤ 3ppm
Arsenic (As)	≤ 1ppm
Mercury (Hg)	≤ 0.1ppm
Cadmium (Cd)	≤ 1ppm
Residue on Ignition	≤ 0.40%
Loss on Drying	≤ 0.30%
Assay	98.5 - 101.5 %
Pharmacopoeia Specification(s)	USP
Origin	Non-animal origin
Specification Version	- v1.0
Date Created	- 2017-04-25

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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