

Product Datasheet

GM1911 - L-Tyrosine, USP grade, non-animal origin

Precautionary Codes

P280, P261,
P305+P351+P338

Pictograms

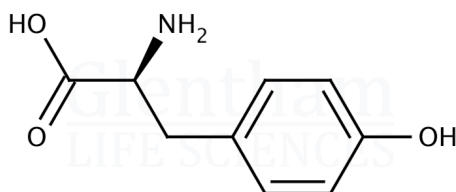


Product Details

Product Name	L-Tyrosine, USP grade, non-animal origin
Glentham Code	GM1911
CAS Number	60-18-4
EINECS	200-460-4
MDL-Nummer	MFCD00002606
Related Categories	Amino Acids, Biochemicals, Reagents for Cell Culture

Structure

Molecular Weight	: 181.19
Molecular Formula	: C ₉ H ₁₁ NO ₃



Glentham Product Specification

Physical Description	: White crystalline powder
Identification (IR)	: To conform to standard
Specific Optical Rotation ([α] _{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
Version	: v1.0

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as dangerous for transport.	
CLP Classification	Skin Irr. 2, STOT SE 3, STOT SE 3, Eye Irr. 2A
Signal Word	Achtung
Hazard Codes	H315, H336, H335, H319

About L-Tyrosine, USP grade, non-animal origin

Tyrosine is a conditionally essential amino acid in humans. It is synthesized from phenylalanine and is a precursor to neurotransmitters such as dopamine and epinephrine.

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