



L-TYROSINE

CAS No: 60-18-4

Chemical Name	(s)-2-Amino-3-(4-hydroxyphenyl) propionic acid
FORMULA	C ₆ H ₁₁ NO ₃
DESCRIPTION	White crystal or crystalline powder
ODOR	Odorless
GRADE	Food grade
CATEGORY	Raw material

SPECIFICATION

ITEMS	STANDARD
Specific rotation [α] _{D20} °	-11.3° - -12.1°
State of solution (Transmittance)	≥ 95.0%
Chloride(CL)	≤ 0.02%
Ammonium(NH ₄)	≤ 0.02%
Sulfate(SO ₄)	≤ 0.02%
Iron(Fe)	≤ 10PPm
Lead (Pb)	≤ 10PPm
Arsenic(As ₂ O ₃)	≤ 1PPm
Other amino acids	Not detected
Loss on drying	≤ 0.20%
Residue on ignition (Sulfated)	≤ 0.10%
Assay	99.0-100 .5 %
PH	5.0 – 6.5

U.S.A. Headquarters: Ph: (248) 816-6881 • Fx: (248) 250-5588

Global Strategic Connections, LLC • 2125 Butterfield Drive, Suite 218 • Troy, MI 48084

info@gsc-llc.com • www.gsc-llc.com