



Specification

N-Glycyl-L-Tyrosine Dihydrate

Catalog Number:	GT1007
CAS Number:	39630-46-1, 658-79-7
Synonym(s):	Gly-tyr; Glycyl-L-tyrosine
Molecular Formula:	$C_{11}H_{14}N_2O_4 \cdot 2H_2O$
Molecular Weight:	274.27
Storage:	-20°C
Retest Period:	Two years from the date of manufacture

Test	Specification
Appearance	White microcrystalline solid
Purity (HPLC)	≥ 99%
Identity	IR, TLC
Specific Rotation (c=1, H ₂ O)	+48° to +53°
Solubility	Clear & colorless
pH	4.5 – 6.0
Impurities	
Cyclo(L-Glycyl-Tyrosine)	≤ 0.5%
Total	≤ 1.0%
Moisture	10.0 – 16.0%
Ash	≤ 0.1%
Heavy Metals	≤ 10ppm
Methanol	≤ 3,000ppm
Toluene	≤ 890ppm
Ethyl Acetate	≤ 5,000ppm

Approved:

Date: February 14, 2018

John Grubb, PhD
Gojira Fine Chemicals
Quality Manager
Tel: 440-252-5397, Fax: 888-211-5523
docsupport@gojiraafc.com