

CERTIFICATE OF ANALYSIS

Product Name: L-GLYCYL-L-TYROSINE DIHYDRATE
Product Number: G3550
Lot Number: HAX3550001
Storage Temperature: 0-30°C
MW: 274.27 g/mol
Formula: C₁₁H₁₄N₂O₄•2H₂O
CAS No.: 39630-46-1

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in H ₂ O @ 20 mg/mL at RT	Passes
pH	Record	5.7
Karl Fischer	10-16%	13.8%
FTIR	Conforms	Passes
Specific Rotation [α] 20/D	+46.0°-+53.0°	+49.2°
Physical Appearance Color* Texture	White Powder	White Powder
Animal Component Free (ACF)	Confirmed	Passes
Endotoxin	≤ 0.04 EU/mg	Passes
Bioburden	<100 cfu/g	Passes
Purity (Titration)	Minimum 98.5%	99.7%

* Product color based upon comparisons between sample and standardized color wheel (Benjamin Moore® Color Preview™).

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Date of Release: 14-June-2022

Recommended Shelf-Life Date: June 2030



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