

Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB0680	
Compound name	γDGG	
Chemical name	γ-D-Glutamylglycine	
Batch number	E2099-2-3	
Batch molecular formula	C ₇ H ₁₂ N ₂ O ₅	
Batch molecular weight	204.18	

Method	QC requirement	QC Result
HPLC	Chiral HPLC shows >98% purity	Meets specification: 100%
NMR	¹ H NMR in D ₂ O at 400 MHz consistent with structure	Meets specification
Mass spectrum	Electrospray negative analysis shows molecular ion	Meets specification
Microanalysis	Elemental analysis is within 0.4% for the batch molecular formula	Meets specification
TLC	TLC analysis in 50% PAW:BuOH shows one spot under ninhydrin	Meets specification: R _f =0.4
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in water (100 mM)	Meets specification

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

04/11/2022

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.