

Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB0387	
Compound name	(L)-Quisqualic acid	
Chemical name	(L)-(+)-alpha-Amino-3,5-dioxo-1,2,4-oxadiazolidine-2-propanoic acid	
Batch number	E1922-1-1	
Batch molecular formula	C ₈ H ₇ N ₃ O ₅	
Batch molecular weight	189.13	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 99.2%
NMR	¹ H NMR consistent with structure	Meets specification
TLC	TLC analysis shows one spot	Meets specification
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in water (10 mM) and in 0.1M NaOH (100 mM)	Meets specification

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

14-03-22

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