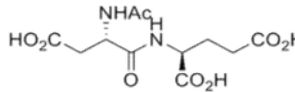


# Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB0585	
Compound name	Spaglumic acid	
Chemical name	N-Acetyl-L-aspartyl-L-glutamic acid	
Batch number	E2154-1-1	
Batch molecular formula	C <sub>11</sub> H <sub>16</sub> N <sub>2</sub> O <sub>8</sub> ·0.6H <sub>2</sub> O	
Batch molecular weight	315.07	

Method	QC requirement	QC Result
NMR	<sup>1</sup> H NMR in D <sub>2</sub> O at 400 MHz consistent with structure	Meets specification
Mass spectrum	Electrospray negative analysis consistent with structure	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 streaky spot under KMnO <sub>4</sub>	Meets specification: R <sub>f</sub> =0.2
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in water (100 mM)	Meets specification

Produced by

Signature

Passed by

Signature

Date

17/01/2023

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