

Certificate of Analysis

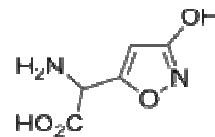


Product Identification

Catalog number HB0330
Compound name Ibotenic acid
Chemical name α -Amino-(3-hydroxy-5-isoxazolyl)acetic acid

Batch number E1236-1-1
Batch molecular formula $C_9H_8N_2O_4 \cdot H_2O$
Batch molecular weight 176.13

Chemical Structure



Method

QC requirement

QC Result

HPLC	Chiral HPLC shows >98% purity	Meets specification: >99%
NMR	1H NMR in D_2O at 400 MHz consistent with structure	Meets specification
Microanalysis	Elemental analysis is within 0.4% for the batch molecular formula	Meets specification
TLC	TLC analysis in 4:1:1 BuOH/AcOH/ H_2O shows one spot under uv	Meets specification: $R_f=0.28$
Physical appearance	White to off-white solid	Meets specification: Off-White Solid
Solubility	Soluble in water to 10 mM	Meets specification

Produced by Huw Davies

Signature

Passed by Steve Roome

Signature

Date

20/11/2019

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