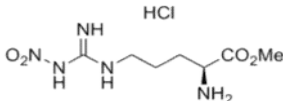


Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB1352	
Compound name	L-NAME	
Chemical name	N-omega-Nitro-L-arginine methyl ester hydrochloride	
Batch number	E1873-1-1	
Batch molecular formula	C ₇ H ₁₅ N ₅ O ₄ ·HCl·0.2H ₂ O	
Batch molecular weight	273.29	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 99.1%
NMR	¹ H NMR in D ₂ O at 400 MHz consistent with structure	Meets specification
Mass spectrum	Electrospray positive analysis shows molecular ion	Meets specification
Microanalysis	Elemental analysis is within 0.4% for the batch molecular formula	Meets specification
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in water (100 mM)	Meets specification
Biological validation		

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

22-02-22

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