

Certificate of Analysis

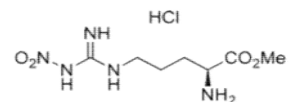


Product Identification

Catalog number HB1352
Compound name L-NAME
Chemical name N-omega-Nitro-L-arginine methyl ester hydrochloride

Batch number E0406-1-1
Batch molecular formula $C_7H_{15}N_5O_4 \cdot HCl \cdot 0.5H_2O$
Batch molecular weight 278.70

Chemical Structure



Method

QC requirement

QC Result

HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 98.7%
NMR	¹ H NMR in DMSO 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

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

06/06/2023

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