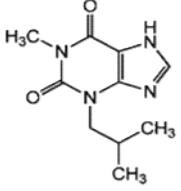


Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB3000	
Compound name	IBMX	
Chemical name	3,7-Dihydro-1-methyl-3-(2-methylpropyl)-1H-purine-2,6-dione	
Batch number	E0838-1-1	
Batch molecular formula	C ₁₀ H ₁₄ N ₄ O ₂	
Batch molecular weight	222.25	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 99.6%
NMR	¹ H NMR in CDCl ₃ at 400 MHz consistent with structure	Meets specification
Mass spectrum	Electrospray positive analysis consistent with structure	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 DMSO (75 mM) and in ethanol (50 mM)	Meets specification

Produced by

Signature



Passed by

Signature



Date

21-06-18

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