

# Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB1951	
Compound name	iso-PPADS tetrasodium salt	
Chemical name	Pyridoxalphosphate-6-azophenyl-2',5'-disulfonic acid tetrasodium salt	
Batch number	E0878-1-1	
Batch molecular formula	$C_{14}H_{10}N_3Na_4O_{12}PS_2 \cdot 4H_2O$	
Batch molecular weight	671.36	

  

Method	QC requirement	QC Result
NMR	$^1H$ NMR in $D_2O$ 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
Physical appearance	Orange solid	Meets specification: Orange solid
Solubility	Soluble in water (100 mM)	Meets specification

Produced by

Signature

Passed by

Signature

Date

29-11-18

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