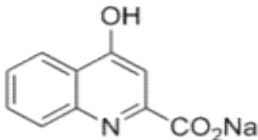


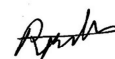
Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB0363	
Compound name	Kynurenic acid sodium salt	
Chemical name	4-Hydroxyquinoline-2-carboxylic acid sodium salt	
Batch number	E2097-1-1	
Batch molecular formula	C ₁₀ H ₆ NNaO ₃ ·1.3H ₂ O	
Batch molecular weight	234.57	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 99.4%
NMR	¹ H NMR in D ₂ O 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
TLC	TLC analysis in 50% PAW/BuOH shows one spot under uv	Meets specification: R _f =0.5
Physical appearance	White to off-white solid	Meets specification: Off-white solid
Solubility	Soluble in water (100 mM)	Meets specification

Produced by

Signature



Passed by

Signature



Date

13/12/2022

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