



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-269283  
Lot Number: SAMPLE  
Product Name: Kainic acid monohydrate  
CAS Number: 58002-62-3  
Molecular Formula:  $C_{10}H_{15}NO_4 \cdot H_2O$   
Molecular Weight: 231.25

Test	Result
Appearance	Off-white solid
Identification (NMR)	Consistent with structure
Identification (X-Ray Diffraction)	Consistent with structure
Purity (HPLC)	>99% HPLC (Chiral), glutamate and aspartate not detectable
Purity (TLC)	Single spot
Melting Point	Decomp.
Optical Rotation	-15°
Loss on Drying	7.8% (water of crystallization)

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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