



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-358835
Lot Number: SAMPLE
Product Name: Kynurenic acid sodium salt
CAS Number: 492-27-3 (non-salt)
Molecular Formula: $C_{10}H_9NO_3 \cdot Na$
Molecular Weight: 211.15

Test	Specification	Result
Appearance	Off white to white solid	Off-white solid
Microanalysis	Elemental analysis within 0.4 of expected result for each element tested	Complies
NMR	300MHz 1H spectrum in D_2O confirms structure and shows <1% of any other impurity	Complies
Purity (HPLC)	Shows greater than 99% purity by RP analysis	Complies
TLC	Analysis using a solvent ratio of 2:3: PAW/BuOH shows a single spot (visualised by UV and Ninhydrin)	Rf=0.55
Solubility	Soluble in water to 100mM	Complies

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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