



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-223468
Lot Number: SAMPLE
Product Name: 2,3,3-Trimethyl-1-(3-sulfonatopropyl)-indolinium-5-sulfonic Acid, Potassium Salt
CAS Number: 427882-78-8
Molecular Formula: $C_{14}H_{18}KNO_6S_2$
Molecular Weight: 399.52
Native Source: Synthetic

Test	Result
Appearance	Purple Solid
Identification (1H-NMR)	Conforms to structure
Identification (Mass Spectrometry)	Conforms to structure
Purity (TLC)	90%
Melting Point	> 220 °C
Solubility	DMSO (Slightly), Water (Slightly)
Potassium	9.34%

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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