



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-472980
Lot Number: SAMPLE
Product Name: Saccharin sodium salt dihydrate
CAS Number: 6155-57-3
Molecular Formula: $C_7H_4NO_3S \cdot Na \cdot 2H_2O$
Molecular Weight: 241.20

Test	Result
Appearance	Off-white solid
Identification (NMR)	Complies
Identification (Mass Spectrometry)	Complies
Purity (TLC)	98%
Elemental Analysis	(Found) %C: 35.26, %H: 3.13, %N: 5.79; (Calculated) %C: 34.86, %H: 3.34, %N: 5.81
Melting Point	>300°C
Solubility	DMSO (Slightly), Methanol (Slightly)
Sodium	9.49% by Ion Chromatography
Water Content (KF)	13.2%

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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