



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-491127
Lot Number: SAMPLE
Product Name: 7-Hydroxy-1,3,6-naphthalenetrisulfonic acid trisodium salt
CAS Number: 53683-45-7
Molecular Formula: $C_{10}H_5O_{10}S_3 \cdot 3Na$
Molecular Weight: 450.31
Native Source: Synthetic

Test	Specification	Result
Appearance		Pale beige solid
Identification (1H-NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Purity (TLC)		98%
Melting Point		> 300°C
Carbon Content	26.67%	24.87%
Hydrogen Content	1.12%	1.68%
Methanol		1%
Sodium Content		14.88% by Ion Chromatography
Water Content		6.7% based on Elemental Analysis

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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