



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-206019
Lot Number: SAMPLE
Product Name: Resorufin sodium salt
CAS Number: 34994-50-8
Molecular Formula: $C_{12}H_6NNaO_3$
Molecular Weight: 235.17
Native Source: Synthetic

Test	Specification	Result
Appearance	Dark purple to black solid	Dark purple to very dark purple solid
Identification (NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Purity		~ 90%
Purity (HPLC)		99.84%
Carbon Content		52.84%
Hydrogen Content		2.69%
Nitrogen Content		5.14%
Sodium		7.30% by Ion Chromatography
Water Content (KF)		3.6%

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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