



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-280385A
Lot Number: SAMPLE
Product Name: 3,5-Dichloro-2-hydroxybenzenesulfonic acid, disodium salt
CAS Number: 95041-38-6
Molecular Formula: $C_6H_2Cl_2O_4SNa_2$
Molecular Weight: 287.03

Test	Specification	Result
Appearance (Color)	White to off-white	White
Appearance (Form)	Crystalline powder	Crystalline powder
Identification (FTIR)		Conforms to structure
Identification (TLC)		Conforms to structure
pH	5% in water: 9.5-10.5	10.1
	0.1% in water: 9.2-9.8	9.6
UV Absorption	324 nm (0.1 mmol/L in AMP buffer): ≥ 0.500 AU	0.597 AU
	250 nm (0.1 mmol/L in AMP buffer)	0.892 AU
	500 nm (10% in water)	0.015 AU
Perchloric Acid Titration	99.0 to 101.0%	99.9%

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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