



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-252812
Lot Number: SAMPLE
Product Name: Ethylenediaminetetraacetic acid tetrasodium salt dihydrate
CAS Number: 10378-23-1
Molecular Formula: $C_{10}H_{16}N_2Na_4O_{10}$
Molecular Weight: 416.20

Test	Specification	Result
Appearance	White powder or crystalline powder or crystals or granules	White Crystalline powder
Assay (Cell Dissociation)	Pass	Pass
Purity (Titration)	99.0 - 102.0 %	99.7 %
Solubility	160 mg/mL water	160 mg/mL water
Solution (Color)	Colorless	Colorless
Solution (Turbidity)	Clear	Clear
Loss on Drying	6.6 - 10.6 %	6.8 %
Sodium	19.7 - 23.0 %	22.1 %

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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