



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-295274
Lot Number: SAMPLE
Product Name: L-Cystine disodium salt monohydrate
CAS Number: 64704-23-0
Molecular Formula: $C_6H_{10}N_2O_4S_2 \cdot H_2O \cdot 2Na$
Molecular Weight: 302.3

Test	Result
Appearance	White to slightly yellow powder
Purity (Titration)	99.26% (anhydrous basis)
pH	9.64 (1% aqueous solution)
Solubility	Complete, clear, and colorless (1% aqueous solution)
Optical Rotation ($\alpha_{20/D}$)	-170.8°
Heavy Metals (Pb)	< 20 ppm
Loss on Drying	6.0%

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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