



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-214751
Lot Number: SAMPLE
Product Name: CM-Dextran sodium salt
CAS Number: 39422-83-8
Molecular Formula:
Molecular Weight:

Test	Specification	Result
Appearance (Color)	Colorless or white	White
Appearance (Form)	Powder to coarse powder, fine crystals	Powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Solution (Color)	Colorless at 10 mg/ml in water	Complies
Solution (Turbidity)	Complete at 10 mg/ml in water	Complies
Trace metal analysis	Consistent with requirements	Complies
Absorbance (1)	≤ 0.03 (10 mg/ml H ₂ O) at 260 nm	0.004 (10 mg/ml H ₂ O) at 260 nm
Absorbance (2)	≤ 0.04 (10 mg/ml H ₂ O) at 280 nm	0.004 (10 mg/ml H ₂ O) at 280 nm
Cadmium	≤ 5 mg/kg (ICP)	< 5 mg/kg
Calcium (ICP)	≤ 500 mg/kg	< 500 mg/kg
Chromium	≤ 5 mg/kg (ICP)	< 5 mg/kg
Cobalt	≤ 5 mg/kg (ICP)	< 5 mg/kg
Copper	≤ 5 mg/kg (ICP)	< 5 mg/kg
Halides	$\leq 0.35\%$ (as chloride)	0.176%
Iron (ICP)	≤ 10 mg/kg	< 10 mg/kg
Lead (ICP)	≤ 10 mg/kg	< 10 mg/kg
Magnesium	≤ 100 mg/kg (ICP)	< 100 mg/kg (ICP)
Manganese	≤ 5 mg/kg (ICP)	< 5 mg/kg
Nickel	≤ 5 mg/kg (ICP)	< 5 mg/kg

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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Potassium (ICP)	≤ 500 mg/kg (ICP)	< 500 mg/kg (ICP)
Sodium (ICP)		Complies
Sulfate	≤ 200 mg/kg (SO ₄)	< 200 mg/kg
Water Content	$\leq 10\%$	2.84%
Zinc	≤ 10 mg/kg (ICP)	< 10 mg/kg (ICP)

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