



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-229317
Lot Number: SAMPLE
Product Name: Sodium selenite pentahydrate
CAS Number: 26970-82-1
Molecular Formula: $\text{Na}_2\text{SeO}_3 \cdot 5\text{H}_2\text{O}$
Molecular Weight: 263.01

Test	Specification	Result
Appearance (Color)	White to almost white	White
Appearance (Form)	Fine crystals to crystals with lumps	Crystals
Purity (Titration)	99.0 - 101.0%	99.9%
Trace metal analysis	Corresponds to requirements	Complies
Cadmium	$\leq 5 \text{ mg/kg}$ by ICP	$< 5 \text{ mg/kg}$
Calcium (ICP)	$\leq 20 \text{ mg/kg}$	$< 2 \text{ mg/kg}$
Chloride	$\leq 50 \text{ mg/kg}$	$< 50 \text{ mg/kg}$
Chromium	$\leq 5 \text{ mg/kg}$ by ICP	$< 5 \text{ mg/kg}$
Cobalt	$\leq 5 \text{ mg/kg}$ by ICP	$< 5 \text{ mg/kg}$
Copper	$\leq 5 \text{ mg/kg}$ by ICP	$< 5 \text{ mg/kg}$
Iron (ICP)	$\leq 10 \text{ mg/kg}$	$< 10 \text{ mg/kg}$
Lead (ICP)	$\leq 5 \text{ mg/kg}$ by ICP	$< 5 \text{ mg/kg}$
Magnesium	$\leq 5 \text{ mg/kg}$ by ICP	$< 5 \text{ mg/kg}$
Manganese	$\leq 5 \text{ mg/kg}$ by ICP	$< 5 \text{ mg/kg}$
Nickel	$\leq 5 \text{ mg/kg}$ by ICP	$< 5 \text{ mg/kg}$
Nitrogen	$\leq 50 \text{ mg/kg}$	$< 50 \text{ mg/kg}$
Potassium (ICP)	$\leq 50 \text{ mg/kg}$	$< 50 \text{ mg/kg}$
Sulfate	$\leq 50 \text{ mg/kg}$	50 mg/kg
Zinc	$\leq 5 \text{ mg/kg}$ by ICP	$< 5 \text{ mg/kg}$

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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