



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-250562  
Lot Number: SAMPLE  
Product Name: Nickel(II) nitrate hexahydrate  
CAS Number: 13478-00-7  
Molecular Formula:  $\text{Ni}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$   
Molecular Weight: 290.79

Test	Specification	Result
Appearance	Light blue-green to dark blue-green crystals	Blue-green crystals
Assay		Conforms (trace metals by ICP analysis)
Cadmium	$\leq 50$ ppm	2 ppm
Calcium	$\leq 50$ ppm	3 ppm
Chloride	$\leq 50$ ppm	< 50 ppm
Cobalt	$\leq 500$ ppm	23 ppm
Complexometric EDTA	97.0 - 103.0%	97.8%
Copper	$\leq 50$ ppm	6 ppm
Iron	$\leq 50$ ppm	1 ppm
Lead	$\leq 50$ ppm	32 ppm
Potassium	$\leq 100$ ppm	< 29 ppm
Sodium	$\leq 100$ ppm	< 3 ppm
Sulfur	$\leq 50$ ppm	13 ppm
Zinc	$\leq 50$ ppm	< 1 ppm

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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