



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-207887
Lot Number: SAMPLE
Product Name: Mildronate
CAS Number: 76144-81-5
Molecular Formula: $C_6H_{14}N_2O_2$
Molecular Weight: 146.19

Test	Specification	Result
Appearance	White or almost white crystalline powder	Complies
Assay	99.0-101.0% of $C_6H_{14}N_2O_2 \cdot 2H_2O$	99.64%
Identification	1. Should be positive	Complies
	2. IR: Conforms	Complies
pH	7.0-9.0	7.99
Residual Solvents	Methanol $\leq 0.3\%$	Complies
	Ethanol $\leq 0.5\%$	Complies
Solubility	Easily soluble in water, soluble in 95% alcohol	Complies
Heavy Metals	$\leq 10\text{ppm}$	Complies
Related Substances	Total impurities $\leq 1.0\%$	0.06%
Chloride	$\leq 0.01\%$	Complies
Sulfate	$\leq 0.05\%$	Complies
Sulfated Ash	$\leq 0.1\%$	Complies
Water Content	19.0-24.0%	19.30%

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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