



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-252642
Lot Number: SAMPLE
Product Name: Cucurbit[6]uril hydrate
CAS Number: 80262-44-8
Molecular Formula: $C_{36}H_{36}N_{24}O_{12} \cdot xH_2O$
Molecular Weight: 996.82 (anhydrous basis)

Test	Specification	Result
Appearance	Colorless or white powder	White powder
Assay (Elemental Analysis)	$\geq 95.0\%$ (N)	95.7%
Identification (Infrared Spectrum)	Consistent with structure	Complies
Carbon Content	43.38% (Theory, anhydrous)	42.19%
Nitrogen Content	33.72% (Theory, anhydrous)	32.28%
Water Content	5.0 - 15.0%	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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