



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-211358
Lot Number: SAMPLE
Product Name: Diquat Dibromide Monohydrate
CAS Number: 6385-62-2
Molecular Formula: $C_{12}H_{14}Br_2N_2O$
Molecular Weight: 362.06

Test	Specification	Result
Appearance	White to yellow and faint beige to beige and faint brown to brown and yellow-beige and yellow-brown and beige-yellow and brown-yellow powder or crystals	Light yellow crystals
Identification (1H-NMR)	Consistent with structure	Complies
Purity (Argentometric Titration)	95.0 - 105.0%	99.8%
Purity (HPLC)	$\geq 95.0\%$	100%
Water Content	4.9% (monohydrate)	4.90%

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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