



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-217542
Lot Number: SAMPLE
Product Name: α -D-Glucose 1,6-bisphosphate tetra(cyclohexylammonium) salt
CAS Number: 71662-13-0
Molecular Formula: $C_6H_{14}O_{12}P_2 \cdot 4C_6H_{13}N$
Molecular Weight: 736.81

Test	Specification	Result
Appearance	White to off white powder	White powder
Identification (1H-NMR)	Consistent with structure	Complies
Identification (13C-NMR)	Consistent with structure	Complies
Purity	$\geq 95\%$ (based on Phosphorus, dry basis)	98%
Solubility	Clear and colorless to very faint yellow at 50 mg/m in water	Clear and colorless at 50 mg/m in water
Solvent Content (GC)	$\leq 4\%$	0%
Content	Cyclohexylamine content: 50 - 60% (Dry basis)	53%
Water Content (KF)	$\leq 13\%$	1%

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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