



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-207711B
Lot Number: SAMPLE
Product Name: Gentamicin C1 Pentaacetate Salt
CAS Number: 25876-10-2
Molecular Formula: $C_{31}H_{63}N_5O_{17}$
Molecular Weight: 777.86
Native Source: Synthetic

Test	Specification	Result
Appearance	White to Yellow Solid	Pale Yellow Solid
Identification (NMR)	Conforms to Structure	Conforms
Identification (Mass Spectrometry)	Conforms to Structure	Conforms
Purity (HPLC)		94.00% (ELSD)
Elemental Analysis		%C: 44.67, %H: 8.15, %N: 8.16
Solubility		Methanol (Slightly), Water (Slightly)
Specific Rotation		+95.2° (c = 0.2, Water)

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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