



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-475035
Lot Number: SAMPLE
Product Name: T-705RTP Sodium Salt
CAS Number: 356783-10-3
Molecular Formula: $C_{10}H_{15}FN_3O_{15}P_3 \cdot Na$
Molecular Weight: 552.14
Native Source: Synthetic

Test	Result
Appearance	Light Yellow to Pale Green Solid
Identification (1H-NMR)	Complies
Identification (19F-NMR)	Complies
Identification (31P-NMR)	Complies
Identification (Mass Spectrometry)	Complies
Purity (TLC)	>75%
Atmosphere	Inert Gas
Elemental Analysis	(Found) %C: 16.20, %H: 2.98, %N: 5.46; (Calculated) %C: 22.70, %H: 2.86, %N: 7.94 (free acid)
Melting Point	>123°C (dec.)
Solubility	Water (Slightly)
Sodium	9.72% by Ion Chromatography

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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