



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-475081
Lot Number: SAMPLE
Product Name: Tenofovir Diphosphate Triethylamine Salt (mixture of diastereomers)
CAS Number: 166403-66-3 (free acid)
Molecular Formula: $C_9H_{16}N_5O_{10}P_3 \cdot xC_6H_{15}N$
Molecular Weight: 447.17

Test	Specification	Result
Appearance	Off-white to pale yellow gel to low-melting solid	Off-white to pale yellow low-melting solid
Identification (NMR)	Consistent with structure	Complies
Identification (31P-NMR)	Conforms to structure	Complies
Identification (Mass Spectrometry)	Conforms to structure	Complies
Purity		96%
Purity (HPLC)		94.17% (262 nm)
Elemental Analysis	Conforms	%C: 41.79 %H: 8.21 %N: 14.13
Solubility		Water (slightly)

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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