



CERTIFICATE OF ANALYSIS

PRODUCT: **D-AP7**
D(-)-2-Amino-7-phosphonoheptanoic acid
C₇H₁₆NO₅P, M.W. 225.18

PRODUCT NUMBER: A-1050

LOT NUMBER: A8180

APPEARANCE: White Crystalline Powder

SOLUBILITY: Soluble in water and dilute aqueous base.

PURITY: 99% by HPLC

NMR: Spectrum confirms

OPTICAL DATA: $[\alpha]^{20}_D = -15.6^\circ$ (c = 1.08, 2NHCl) Optical Purity > 99

ELEMENTAL ANALYSIS:

	<u>Theoretical</u>	<u>Actual</u>
C:	37.34	37.21
H:	7.16	7.16
N:	6.22	6.15

STORAGE & HANDLING: Store at Room Temperature. Protect from light.

CAUTION: For research use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: 