



CERTIFICATE OF ANALYSIS

Product	Phosphoramidon
Grade	Ultra Pure
Product Code	PJ585
Formula	$C_{23}H_{34}N_3O_{10}P$
MW	543.49
CAS#	36357-77-4
Lot No	

Test Items	Specifications	Results
Appearance	White to Slightly yellow powder	
Specific Optical Rotation [α] _D ²⁰ 1% water	-35~-27°	
Loss on Drying	<5.0%	
Activity (IC50) (thermolysin/casein, pH 7.5, 37°C)	Report	
Thin Layer Chromatography	Report	

Thin Layer Chromatography
Silica gel Layer
Application: 50µg
Solvent System: n-BuOH:AcOH:H₂O:pyridine=15:3:12:10
n-BuOH:AcOH:H₂O=4:1:5 (upper phase)
Located by ninhydrin and Ehrlich reagent

Storage: Store frozen (-15 ~ -20°C). Keep dry. Warm to room temperature before opening.