

IP4(1,3,4,5)
D-myo-inositol-1,3,4,5-tetraphosphate (ammonium salt)
850116P-500ug
Page 1 of 1

Molecular Weight	568.198
Chemical Formula	C ₆ H ₂₆ N ₄ O ₁₈ P ₄
Physical State	Powder
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	5595PFC010
Avanti Lot Number	850116P-500UG-C-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Phosphorus NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-4NH ₄ +3H] ⁻ = 499.198 ± 1 amu [M-4NH ₄ +2H] ²⁻ = 249.099 ± 1 amu	[M-4NH ₄ +2H] ²⁻ = 248.6 amu

Approved by:

