



CERTIFICATE OF ANALYSIS

Product	MUP, disodium salt, trihydrate
Grade	Ultra Pure
Product Code	M0740
Formula	C ₁₀ H ₇ Na ₂ O ₆ P
MW	354.16
CAS#	22919-26-2
Lot No	

Test Items	Specifications	Results
Appearance	White to off-white, powder to crystalline powder	
Color of Solution (5 % in water)	Colorless	
Turbidity of Solution	Clear (7.0 NTU)	
Water Content (K. Fischer) (theoretical for trihydrate 15.26%)	14.3 - 16.3 %	
Perchloric Acid Titration (0.1mol/L)	≥99.0 %	
Free 4-MU(HPLC)	≤100 mg/kg	
FT-IR Spectrum	corresponds to reference spectrum	

Storage: -20°C