

PRODUCT IDENTITY

PRODUCT NAME	β-D-(+)-Glucose pentaacetate	PRODUCT NUMBER	G107868
Grades & Purity	≥98%	VERSION	3
CAS NUMBER	604-69-3	FORMULA	C ₁₆ H ₂₂ O ₁₁
FORMULA WEIGHT	390.34g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Melting point	130-134 (°C)
Water by Karl Fischer	0-0.5 (%)
Specific Rotation [α] ₂₀ /D(c=1 in CHCl ₃)	3.5-5.5 (°)
Sulfate Ash	0-0.5 (%)
Purity(GC)	98-100 (%)
Appearance (G107868)	White to Off-White Powder
Solubility,Clear,Colorless to Faint Yellow(5% in CHCl ₃)	pass
Proton NMR spectrum	Conforms to structure