

PRODUCT IDENTITY

PRODUCT NAME	β-D-Allose	PRODUCT NUMBER	A130056
Grades & Purity	≥97%	VERSION	3
CAS NUMBER	7283-09-2	FORMULA	C ₆ H ₁₂ O ₆
FORMULA WEIGHT	180.16g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Carbon by Elemental Analysis(anhydrous)	38.6-40.4 (%)
Purity(HPLC)	97-100 (%)
Specific Rotation [α] ₂₀ /D(45.00 - 55.00 mg/ml in H ₂ O)	12-16 (°)
Water by Karl Fischer	0-2 (%)
Appearance (A130056)	white to white with a light yellow cast powder
Solubility,Colorless to faint yellow,clear(50 mg/mL, H ₂ O)	pass
NMR (Solvent) DMSO	Identity by NMR Consistent