

PRODUCT IDENTITY

PRODUCT NAME	6-O- α -Maltosyl- β -cyclodextrin hydrate	PRODUCT NUMBER	M121037
Grades & Purity	$\geq 98\%$	VERSION	3
CAS NUMBER	104723-60-6	FORMULA	C ₅₄ H ₉₀ O ₄₅
FORMULA WEIGHT	1459.27g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Purity(HPLC)	98-100 (%)
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	160-170 (°)
Water by Karl Fischer	0-6 (%)
Appearance (M121037)	white powder
¹³ C NMR Spectrum	Conforms to Structure
Proton NMR spectrum	Conforms to Structure
Solubility,Colorless and clear(5% in H ₂ O)	pass