

PRODUCT IDENTITY

PRODUCT NAME	D-Glucose-3- ¹³ C	PRODUCT NUMBER	D474101
Grades & Purity	≥99 atom% ¹³ C, ≥98%	VERSION	3
CAS NUMBER	287100-64-5	FORMULA	¹³ CC ₅ H ₁₂ O ₆
FORMULA WEIGHT	181.15g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Purity(HPLC area)	98-100 (%)
NMR Spectrum ¹ H	Conforms to structure
Isotopic purity(¹³ C)	99-100 (atom%)
Specific Rotation [α] ₂₅ /D(c =2 in H ₂ O(trace NH ₄ OH)	50-54 (°)