Certificate of Analysis

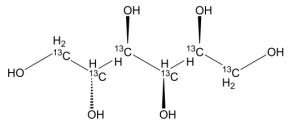
D-Sorbitol-$^{13}C_6$

Cat. No.:	HY-B0400S16
CAS No.:	121067-66-1
Batch No.:	376785
Chemical Name:	D-Glucitol-1,2,3,4,5,6-13C6

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$^{13}C_6H_{14}O_6$		
Molecular Weight:	**188.13**		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
^{1}H NMR Spectrum:	Consistent with structure
MS:	Consistent with structure
Purity (HPLC):	**99.94%**
Isotopic Enrichment:	99.9%
Additional Information:	13C6=99.7%,13C4=1.1%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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