



Product Specification

cdhfinechemical.com

D(+)-ARABITOL FOR BIOCHEMISTRY

PRODUCT CODE	012185	
SYNONYMS	[D (+) ARABINITOL]	
C.I. NO.	--	
CASR NO.	(488-82-4)	
ATOMIC OR MOLECULAR FORMULA	C₅H₁₂O₅	$ \begin{array}{c} \text{CH}_2\text{OH} \\ \\ \text{HO}-\text{C}-\text{H} \\ \\ \text{H}-\text{C}-\text{OH} \\ \\ \text{H}-\text{C}-\text{OH} \\ \\ \text{CH}_2\text{OH} \end{array} $
ATOMIC OR MOLECULAR WEIGHT	152.15	
PROPERTIES	--	
PARAMETER	LIMIT	
Description	White to off white powder.	
Solubility	10% solution in water is clear and colourless.	
Minimum Assay (GC)	99.0%	
Melting Point	97°-105°C	
Specific Rotation (α) _D ²⁰ (2%, Borax soln.2%)	+ 10.5° to + 13.5°	
Note(s) : Assay (if applicable) method mentioned.		
WARNING		IMDG Code :
Hazard statements:		UN No. :
Precautionary statements		IATA :
Prevention:		
Response:		
Disposal.		
Hazard Pictogram(s) :-		

Replace date 19-oct-2020