

Item Number	DE145
Item	Dextrose, Monohydrate, Powder, USP
CAS Number	77938-63-7
Molecular Formula	$C_6H_{12}O_6 \cdot H_2O$
Molecular Weight	198.17
MDL Number	
Synonyms	D-Glucose ; Corn Sugar ; Glucose ; D-(+)-Glucopyranose

Test	Specification	
	Min	Max
ASSAY (ANHYDROUS BASIS)	97.5	102.0 %
WATER DETERMINATION	7.5	9.5 %
COLOR AND CLARITY OF SOLUTION	CLEAR AND NOT MORE COLORED THAN STANDARD	
CONDUCTIVITY, $\mu S/cm$ @ 25°C		20
ELEMENTAL IMPURITIES	AS REPORTED	
DEXTRIN	SAMPLE DISSOLVES COMPLETELY	
SOLUBLE STARCH, SULFITES	SOLUTION IS YELLOW	
RELATED SUBSTANCES:		
MALTOSE AND ISOMALTOSE		0.4 %
MALTOTRIOSE		0.2 %
FRUCTOSE		0.15 %
UNSPECIFIED IMPURITY		0.10 %
TOTAL IMPURITIES		0.5 %
IDENTIFICATION A (FTIR)	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION (B)	SAMPLE PEAKS CORRESPONDS TO STANDARD	
IDENTIFICATION (C)	7.5	9.5%
CERTIFIED HALAL		
APPEARANCE		
RETEST DATE		
DATE OF MANUFACTURE		
RESIDUAL SOLVENTS	AS REPORTED	

<i>Corporate Headquarters:</i>	<i>West Coast Facility:</i>
769 Jersey Ave.	14422 S. San Pedro St.
New Brunswick, NJ 08901	Gardena, CA 90248
732.214.1300	310.516.8000