

SPECIFICATION

Dextrose Monohydrate

Parameters	Specification
CAS Number	14431-43-7
Appearance	White crystalline powder
Molecular Formula	C ₆ H ₁₄ O ₇
Molecular Weight	198.17 g/mol
Boiling Point	198 °C
Melting Point	146 °C
Flash Point	160 °C
Purity	98–99%
Refractive Index	1.53
Solubility	Freely soluble in water
Uses	Sweetener; pharmaceutical excipient; food ingredient