

Dextrose Monohydrate



Dextrose Monohydrate works as a sweetener in a tablet, and just like common sugar, is comprised of glycogen, starch, and cellulose. It provides the body water and sugar, with four calories per gram and contains 9% water by weight.

As a "reducing sugar" Dextrose Monohydrate is used in many foodstuffs, and the elements that affect food are also applicable to a tablet. In a tablet, this excipient can supply energy and improve quality and taste. It is economically priced and safe for consumption on a regular basis.

Dextrose Monohydrate has long been providing humans a satisfying flavor and if used properly can provide energy and fluids. Consumers will swallow a tablet with ease with a sweetener like Dextrose Monohydrate.

Main Benefits of Dextrose Monohydrate

- **Reliable Excipient** - Odorless and an excellent binder, Dextrose Monohydrate is also water-soluble and slightly soluble in ethanol.
- **Compatible with Many Ingredients** - Dextrose Monohydrate is inert to other excipients and active ingredients.
- **Palatable** - Able to hide unpleasant or bitter tastes, Dextrose Monohydrate is an effective sweetener.

Specifications

CAS number	63-42-35996-10-1
Molecular formula	C ₆ H ₁₂ O ₆ H ₂ O
Appearance	White crystalline powder
Physical state	Solid
Storage	Store at room temperature
Boiling point	410.8 °C at 760 mmHg
Density	1.54 g/cm ³ at 25 °C
Bulk density	0.51 g/cm ³
Molecular weight	198.17 g/mol