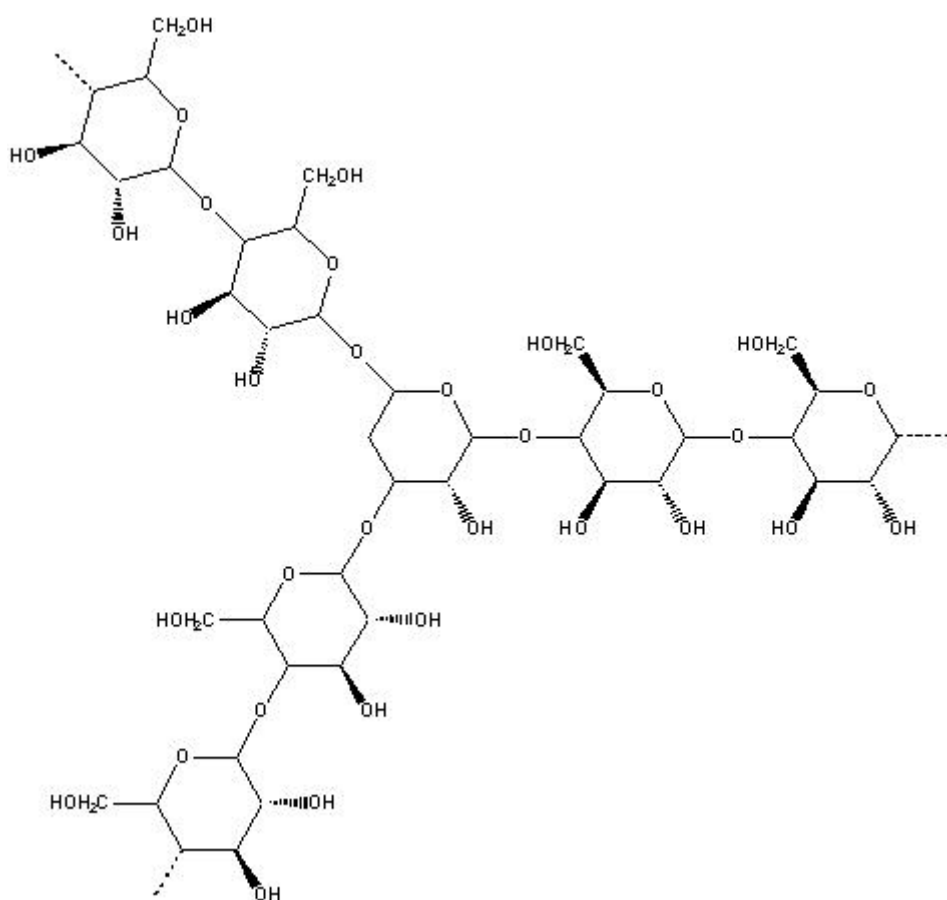


TECHNICAL INFORMATION

Catalog Number: 101517, 160057, 901520, 960376

Dextrin

Structure:



Molecular Formula: $(C_6H_{10}O_5)_n \cdot xH_2O$

CAS #: 9004-53-9

Synonyms: Pyrodextrin; Torrefaction dextrin

Source: Corn

Preparation: Prepared from amylopectin by Hydrochloric acid hydrolysis: the amylopectin is roasted in vessels jacketed in hot oil - the oil is heated to 450°C - at the same time HCl is added to the amylopectin - the acid plus the heat causes the molecular structure of the starch to change/polymerize. As the hydrolysis progresses, water solubility increases and color might develop.

Physical Description: White to off-white to yellow powder

Calories: Contains approximately 4.12 Kcal/gm dry weight.

Availability:

Catalog Number	Description	Size
960376	Dextrin, approximately 100%water soluble	1 kg
101517	Dextrin, Commercial Grade Type I, approximately 95% water soluble	100 g 500 g 1 kg
901520	Dextrin, Commercial Grade Type II, approximately 80% water soluble	500 g 3 kg
160057	Dextrin, Commercial Grade Type III, approximately 12% water soluble	500 g 3 kg

Reference:

– *Merck Index*, **12th Ed.**, No. 2995.