



Product Specification



42DE Non-GMO Corn Syrup

Specifications:

Dextrose Equivalent, %	38.0 – 44.0
Dry Substance, %	79.5 – 82.0
pH	4.0 – 6.0
Ash, %	0.4 max
SO ₂ , ppm	<10
Moisture, %	18.0 - 20.5

Carbohydrate Composition, typical (d.b.*):

Dextrose, (%)	17
Maltose, (%)	15
Maltotriose, (%)	13
Higher Sacc., (%)	55

* Dry Basis

Microbiological Standards:

Bacteria/g	<1500
Yeast/g	<100
Mold/g	<100

Characteristics:

Appearance:	Clear to light straw
Flavor:	Clean, typical
Odor:	No detectable foreign odors

Viscosities (Centipoise), typical:

80°F	74,000
100°F	17,400
120°F	5,400

Weight/Volume Factors (100°F):

Specific Gravity	1.415
Pounds/Gallon	11.81

Nutritional Data/100g:

Calories	322
Carbohydrates, (g)	80.5
Sugars, (g)	26.6
Added Sugars, (g)	26.6

There are no fat, protein, fiber, Vit. D, calcium, iron, potassium, or other minerals of dietary significance

Storage: Recommended handling and storage temperature is 110 - 130°F to minimize color development. Corn syrup stored in bulk tanks must be stored in an environment free of bacterial activity with constant circulated, HEPA filtered, UV-sterilized headspace air.

Shelf Life: Shelf life is 12 months when stored under recommended conditions. Elevated storage temperatures will accelerate the natural color development of the product.

Ingredient Statement: Corn Syrup

FCC: Meets specifications

Packaging: Bulk tanker, 3000 lb. totes, 644 lb. (55 gal.) drums, 60 lb. (5 gal.) pails

Certifications: Kosher Pareve, Non-GMO Project Verified

GRAS: 21 CFR 184.1866

Lot Coding: Bulk tankers: lot # = source vessel ID; Packaged Product: YYJJJ, where YY = last 2 digits of year & JJJ = Julian date

GMO: This product was produced from corn that was not genetically engineered



Reviewed: 04/22/21

Brant Widrick, General Manager

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