



Product Specification



42DE Corn Syrup

Golden Barrel 42DE Corn Syrup is a regular conversion, ion exchanged, normal viscosity syrup.

Specifications:

Dextrose Equivalent, %	40.0 – 46.0
Dry Substance, %	79.5 – 81.5
pH	3.5 – 5.5
Ash, %	0.4 max
SO ₂ , ppm	<10
Moisture, %	18.5 - 20.5

Carbohydrate Composition(d.b.*):

Dextrose, (%)	20
Maltose, (%)	13
Maltotriose, (%)	12
Higher Sacc., (%)	55

* Dry Basis

Microbiological Standards:

Bacteria/g	<100
Yeast/g	<20
Mold/g	<20

Characteristics:

Appearance:	Straw
Flavor:	Clean, typical
Odor:	No detectable foreign odors

Viscosities (Centipoise):

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 120 - 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 6 months when stored under recommended conditions. Elevated storage temperatures will accelerate the natural color development of the product.

Ingredient Statement: Corn Syrup

Packaging: Bulk tanker

Certifications: Kosher Pareve

GRAS: 21 CFR 184.1866

Lot Coding: Bulk tanker: lot # = source vessel ID

FCC: Meets specifications

Allergens: This product contains no allergens and is processed in a facility that does not contain allergens.

GMO: This product may contain genetically modified material.

Reviewed: 01/17/17

Brant Widrick, Technical Manager

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