



Product Specification



42 High Fructose Corn Syrup (HFCS)

Physical & Chemical Properties

Dry Substance, %	70.5 – 71.5
pH	3.3 - 4.3
Ash, %	Trace
SO ₂ , ppm	<10
Moisture, %	28.5 – 29.5
Appearance	Clear to light straw liquid
Odor	No detectable foreign odors
Sweetness Rating	92 (Sugar = 100)

Viscosities (Centipoise)

80°F	155
100°F	75
120°F	35

Carbohydrate Composition (Dry Basis)

Fructose	>42%
Dextrose + Fructose	>92%
Higher Saccharides	<8%

Weight/Volume Factors (100°F)

Specific Gravity	1.335
Pounds/Gallon	11.14

Microbiological Standards:

Total Plate Count	<200 cfu/10g DSE
Yeast	<10 cfu/10g DSE
Mold	<10 cfu/10g DSE
Salmonella	Absent/25g
Listeria	Absent

DSE = Dry Solids Equivalent

Nutritional Data/100g:

Calories	284
Carbohydrates, (g)	71
Sugars, (g)	69
Added Sugars, (g)	69

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

Storage: Recommended handling and storage temperature is between 80° and 100°F (32°- 38°C) to prevent dextrose crystallization and to minimize color development. HFCS 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.

Packaging: Bulk tanker

Ingredient Statement: High Fructose Corn Syrup

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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