



# Product Specification



## 55 High Fructose Corn Syrup (HFCS)

### Physical & Chemical Properties

Dry Substance, %	76.5 – 77.5
pH	3.3 - 4.3
Ash, %	Trace
SO <sub>2</sub> , ppm	<10
Moisture, %	22.5 – 23.5
Appearance	Clear to light straw liquid
Odor	No detectable foreign odors
Sweetness Rating	99 (Sugar = 100)

### Viscosities (Centipoise)

80°F	700
100°F	250
120°F	100

### Carbohydrate Composition (Dry Basis)

Fructose	>55%
Dextrose + Fructose	>95%
Higher Saccharides	<5%

### Weight/Volume Factors (100°F)

Specific Gravity	1.372
Pounds/Gallon	11.45

### 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	308
Carbohydrates, (g)	77
Sugars, (g)	75
Added Sugars, (g)	75

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

  
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Brant Widrick, Technical Manager

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