



Certificate of Analysis

Material 1510010610424 Our Reference KRYSTAR® 300 USP CRYSTALLINE / FRUCTOSE 25 KG BAG / Your Reference

Produced by : 1108 PL: Primary Products Lafayette South 3300 U S 52 SO 47905 Lafayette IN US

Batch : LA23D90114 / Quantity : 70.000 BAG Internal Ref field :

Production Date : 01-APR-23 Best Before Date : 31-MAR-25

Inspection Lot : 890000344075

Parameter	Value	Lower Limit	Upper Limit	Method
MOISTURE(%)	0.04		0.05	Moisture - TN46040
DEXTROSE(%)	0		0.5	Saccharide Distribution - TN67395
FRUCTOSE(%)	100	99.5		Saccharide Distribution - TN67395
DENSITY(g/cm3)	0.87	0.8	0.88	Bulk Density - TN24550
SCREEN ON US#20(%)	0		0.3	Screen Size - TN69400
SCREEN ON US#30(%)	0.1		1	Screen Size - TN69400
SCREEN ON US#40(%)	6.4		20	Screen Size - TN69400
SCREEN ON US#60(%)	60.7	45	75	Screen Size - TN69400
SCREEN THRU US#100(%)	6		8	Screen Size - TN69400
ACIDITY(ppm)	16.4		72	HCL - TN03015
FLAVOR	8	7	10	Flavor - TN31050
ODOR	Pass	Pass	-	Odor - TN52550
BACTERIA TOTAL(CFU/g)	< 10		200	Total Plate Count - TN10560
OSMOPHILIC MOLD(CFU/g)	< 10		10	Osmophilic Mold & Yeast - TN10525
OSMOPHILIC YEAST(CFU/g)	< 10		10	Osmophilic Mold & Yeast - TN10525
ASH(%)	0		0.025	Ash - TN09580
CALCIUM & MAGNESIUM(ppm)	1.2		50	Calcium - TN14055
SO2(ppm)	0.6		9	Sulfur Dioxide - TN80055
HMF(ppm)	15		50	HMF - TN39948
CHLORIDE(ppm)	< 35		180	Chloride - TN19005



ARSENIC(ppm)	< 0	1	ARSENIC - TN09026
SULFATE(ppm)	< 30	250	Sulfate - TN79300
HEAVY METALS(ppm)	< 0	5	Heavy Metals - TN38540
LEAD(ppm)	< 0.01	0.1	Lead - TN44290
COLOR, RBU(RBU)	18.5	30	Color - TN22720

When a parameter is not mentioned or when no result is entered for a parameter, Tate & Lyle certifies that the product contained in this shipment meets all of the requirements of the contractually agreed upon specification. This product meets the requirements of the current edition of the Food Chemical Codex.

This product meets the requirements of the current edition of the U.S. Pharmacopeia as Fructose.

This product is in compliance with USP<467>Residual Solvents general chapter. Residual Solvents (Class I, II, and III) are not used in the manufacturing of this material.