



Technical data sheet

FRUCTOSE (Crystalline)

Molecular formula	C6H12O6
H.S.Code	17025000
CAS No.	7660-25-5
Appearance	White crystalline powder
Fructose assay by wt %	98.0~102.0
Loss on drying by wt %	0.5 max
Residue on ignition by wt %	0.05 max
Hydroxymethylfurfural by wt %	0.1 max
Chloride by wt%	0.018 max
Sulphate by wt %	0.025 max
Color of solution	Pass USP 30 Standard
Acidity (0.02N NaOH) by ml	0.50 max
Arsenic by ppm	1 max
Heavy metal by ppm	5 max
Calcium by wt %	0.005 max
Aerobic Bacteria by cfu/g	10 ³ max
Mold & Microzyme by cfu/g	10 ² max
Artificial sweetener	Not found
Specific rotation [α] 20D	-89 ~ -93.5
Na by ppm	0.5 max

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