

PRODUCT SPECIFICATION SHEET

Maltose NF Grade

Test	Specification	Typical Result
Maltose, % db	NLT 92.0 %	97.0 %
Residue on Ignition	NMT 0.05 %	0.00 %
Heavy Metals	NMT 5 µg/g	<5 µg/g
Dextrin, Starch & Sulfite	Blue color develops	Conforms
pH from COA	4.0 - 5.5 pH	5.4
Water, KF	4.5 - 6.5 %	5.4 %
Description	White crystalline powder, odorless, sweet taste	Conforms
Identification Test B	Peak retention times correspond to standard	Conforms
Identification Test C, IR	IR Spectrum Matched USP Maltose Monohydrate RS	Conforms
Solubility	Very slightly soluble in ethanol; freely soluble in water; slightly soluble in methanol; practically insoluble in ether	Conforms
Total Aerobic Count	NMT 300 cfu/g	1 cfu/g
Yeast and Molds	NMT 50 cfu/g	0 cfu/g
E. Coli	Negative	Negative
Salmonella	Negative	Negative

Appropriate/legal use of this product is the responsibility of the user