

Specification Sheet RightSweet™ Mannitol¹

Product Name	RightSweet™ Mannitol
Synonyms	D-Mannitol, Mannite
Product Code	RMAN - 100
Definition	
Chemical name	Hexan-1,2,3,4,5,6-Hexol
C.A.S. number	69-65-8
E number	E 421
Chemical formula	C ₆ H ₁₄ O ₆
Molecular Weight	182.172
Description	
Appearance	A white crystalline powder.
Taste	Sweet – 60% of sugar, cooling
Identification by IR	Matches standard
Melting Point	165 – 168 °C
Particle Size	
Retained on 100 mesh / 150 um	Not more than 2%
Purity	
Assay (dry basis)	Between 98.5% and 101.5%
Loss on Drying	Not more than 0.3%
Residue on Ignition	Not more than 0.1%
Reducing Sugars	Not more than 0.3%
Heavy Metals	Not more than 5 mg/kg
Arsenic	Not more than 2 mg/kg
Lead	Not more than 0.5 mg/kg
Nickel	Not more than 1 mg/kg
Microbiology	
Total Plate Count	Not more than 1000 cfu/g
Coliform	Not more than 10 cfu/g
Escherichia Coli	Not more than 10 cfu/g
Yeast and Mold	Not more than 100 cfu/g
Salmonella	Absent in 25 g
Statement	This product meets the specifications of the Joint FAO/WHO Expert Committee of Food Additives (JECFA) as well as the Food Chemical Codex (FCC), the US Pharmacopeia (USP) and the EU Pharmacopeia (EP).
Disclaimer	The information contained on this sheet is intended to provide guidance on our products and should not be construed as a guarantee. In some countries regulatory restrictions for the use of this product exist and must be observed.

¹ Manufactured in China. for The Ingredient House, LLC, USA

Product:	Mannitol	Doc Name:	RightSweet Mannitol Specification 2-11		
Doc Effective Date:	2/7/11	Doc Revision:	1	Doc Expiration Date:	2/1/13
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