

Technical Specification

PRODUCT : D-Mannitol RPE For analysis

CODE : 460350

MOLECULAR WEIGHT :182,17

CAS N° : 69-65-8

FORMULA : CH₂OH(CHOH)₄CH₂OH

TEST	U.M.	SPECIFICATION
Description	-	White crystal. powder
Identification (I.R.)	-	Positive
Melting point	°C	165 - 167
Specific rotative power at 25°C (dry) (C=10 Na ₂ B ₄ O ₇ .10 H ₂ O12.8%)	°	+23.3 to +24.3
Loss on drying 105°C	%	<= 0.05
Acidity (acetic acid)	ppm	<=50
Insoluble in water	ppm	<=100
Heavy metals (as Pb)	ppm	<=5
Residue on ignition	ppm	<=100
Reducing sugars	-	Conform
Assay (oxydimetric)	%	98.5 - 101.5

It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application.
 CARLO ERBA Reagents would not be guilty of any misuse or mishandling of any of its products, occurring potential damages or user hurts in case of in