



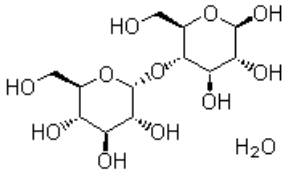
HANGZHOU DINGYAN CHEM CO.,LTD

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CERTIFICATE OF ANALYSIS

NO: DYC091701236

Product Name	MALTOSE MONOHYDRATE USP32
CAS Number	6363-53-7
Molecule Formula	$C_{12}H_{22}O_{11} \cdot H_2O$
Molecule Structure	
Batch Quantity	3000 KGS
Packing	25 KG/DRUM
Batch Number	201607252
Mfg. & Exp. Date	2016-07-25 & 2018-07-24
Testing Date	2016-07-29

Item	Standard	Result
Appearance	White crystalline powder	Conform
Identification	Should conform	Conform
Solubility	Freely soluble in water; Slightly soluble in methanol; Very soluble in ethanol; Practically insoluble in ether.	Conform
PH value	4.0~5.5	4.2
Water	4.5~6.5%	5.7%
Residue on ignition	$\leq 0.05\%$	0.08%
Heavy metals(Pb)	$\leq 5\text{ppm}$	$< 5\text{ppm}$
Dextrin, starch & sulfide	Should conform	Conform
Assay(HPLC)	$\geq 92.0\%$ (on dried basis)	96.5%
Conclusion	This product meets the requirements of USP32.	

QUALITY CONTROL: *Hangzhou Dingyan Chem Co., Ltd.*
Lucy Tang
Quality Control

CHECK: 姚仙娟

INSPECTOR: 刘清风