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CERTIFICATE OF ANALYSIS

PRODUCT NAME: DEXTRAN 40

BATCH NO.: 131101

QUANTITY: 1000KG

DATE OF MFG: 2013.11.03

TEST BASIS: EP7.0

DATE OF EXP: 2016.11.02

TEST ITEMS		STANDARD	RESULT
Characters		A White Or Almost White Powder	Confirmed
Identification	Specific Optical Rotation	+195°~+201°	+197.6°
	Infrared Absorption	Should Be Confirmed	Confirmed
	Molecular-Mass Distribution	Should Be Confirmed	Confirmed
Appearance Of Solution		Clear And Colorless	Confirmed
Acidity Or Alkalinity		Should Be Confirmed	Confirmed
Nitrogen		≤0.011%	<0.011%
Heavy Metals		≤0.0010%	<0.0010
Residual Solvent		Should Be Confirmed	Confirmed
Molecular-Mass Distribution		M _w :35000~45000 M ₁₀ : ≤110000 M ₉₀ : ≥7000	37312 106891 7890
Loss On Drying		≤7.0%	5.6%
Sulphated Ash		≤0.3%	0.1%
Bacterial End Toxins		<10IU/g	<10IU/g
Microbial Contamination		Not More Than 10 ² Micro-Organisms Per Gram	<10IU/g
		Escherichia Coli Should Not Be Found	Confirmed
Conclusion		The Above Certificate Of Analysis Complies With EP7.0	