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CERTIFICATE OF ANALYSIS

Product name	D-FRUCTOSE -1,6-DIPHOSPHATE SODIUM
CAS NO	488-69-7
Batch No	190716
Quantity	150kg
Manufacture date	2019 07 16
Analysis date	2019 07 16
Quality Standard	Enterprise standard

Inspection	Standard	Test Results
Appearance	White to off-white crystalline powder, slightly smelly	Conforms
Solubility	Easily soluble in water, almost insoluble in Complies diethyl ether and ethyl alcohol	Conforms
Identification	IR	Positive
Clarity and color of solution	Should be clear and colorless	Conforms
Assay(UV)	97.0%~103.0%	99.90%
Barium salt	Complies to the standard	Conforms
Chlorides	<0.03%	0.02%
Calcium salt	<0.015%	0.014%
Ferric salt	<0.001%	0.0005%
Ferric salt	≤0.001%	<0.001%
Protein	Complies to the standard	Complies
Free phosphate	≤0.4%	0.07%
PH	5.5~6.5	5.84
Water	24.0%~27.0%	25.78%
Arsenic salt	≤0.0001%	<0.0001%
Total aerobic microbiol count	≤1000 cfu/g	Conforms
Coliforms	≤30 MPN/100g	Conforms
Yeast	≤25 cfu/g	Conforms
Moulds	≤25 cfu/g	Conforms
Salmenelles(/50G)	Absent	Conforms
Enterobacteria Sakazakii(/3*15G)	Absent	Conforms
Enterobacteria(/3*5G)	Absent	Conforms
Conclusion	The result conforms to the Enterprise standard as above	

Q.C.Director:

Analyst:

