

Certificate Of Analysis
20210818
for Sales Order 5365480

Batch Details					
Batch	20210818	Mfr. Date	18 Aug 2021	Expiry Date	17 Aug 2023
Lot Reference	20210818				
Product Code	DEXTRO9800	CAS Number	5996-10-1	Shelf Life	730 Day
Product	Dextrose Monohydrate				
Quantity / Packing	20.000 Tonne / 800 x 25 kg net Bags				
Sales Order	5365480	Customer Ref.	8176		
Spec. Revision	15 (on 05 Jul 2021)				
Spec. Authorised By	Quality Assurance Manager				

Specifications					
Description	Method	Typical	Guaranteed	Result	Unit
Appearance: white crystal powder odourless, sweet taste			Conforms	Conforms	
Specific Optical Rotation			+52.5 to +53.3	+53.0	deg
Identification	BP		Passes Test	Passes Test	
Acidity, 0.1M NaOH			Max 0.15	Max 0.15	ml
Chloride			Max 125	Max 125	ppm
Sulfate			Max 200	Max 200	ppm
Sulphated Ash			Max 0.1	Max 0.1	%
Sulphites, as SO ₂			Less than 10	Less than 10	ppm
Arsenic			Max 1	Max 1	ppm
Barium	BP		Passes Test	Passes Test	
Calcium			Max 200	Max 200	ppm
Foreign sugars, soluble starch, dextrans			Passes Test	Passes Test	
Lead in sugars			Max 0.1	Max 0.1	ppm
Copper			Max 0.2	Max 0.2	mg/kg
Cadmium			Max 0.1	Max 0.1	mg/kg
Mercury			Max 0.4	Max 0.4	mg/kg
Water			7.0 - 9.5	8.1	%
Glucose Assay, on dry basis			Min 99.5	99.6	%
Appearance of solution	BP		Passes Test	Passes Test	
Total Plate Count			Max 1000	25	No./g
Enterobacteriaceae			Max 100	15	cfu/g
Salmonella (25g)			Not Detected	Not Detected	
Conforms to BP2015			Conforms	Conforms	