

CERTIFICATE OF ANALYSIS

Name of the Product		DEXTROSE MONOHYDRATE FOOD GRADE
Batch Number		DMN2211347
Qty.		--
Date of manufacturing		11/ 2022
Date of Expiry		10/ 2025

Sr. No.	Parameter	Specification	Results
1	Description	A white Crystalline powder	Complies
2	Solubility	Freely soluble in water, very slightly soluble in boiling water and slightly soluble in alcohol.	Complies
3	Identification	A Copious red precipitate is formed with Potassium cupri-tartrate solution	Complies
4	% Assay	99.5 to 100.5 % of reducing sugar content (dextrose equivalent) Expressed as D glucose, calculate on Dry basis.	99.87
Impurities (Inorganic Impurity)			
5	Specific optical rotation @ 25 Deg.(10% w/v)	+52.5° to 53.3°	+52.88°
6	Arsenic	1 ppm (Max)	Complies
7	Lead	5 ppm (Max)	Complies
8	Chlorides	180 ppm (Max)	Complies
9	Sulfur Dioxide	20 ppm (Max)	Complies
Specific tests			
10	Loss On drying	7.0 - 9.5 %	7.15
11	Residue on ignition (Sulphated Ash)	0.1 % Max.	0.030
12	Starch	Absence of soluble Starch	Absent
Additional Test			
13	%Retention on #30 mesh	2%Max	0.70
14	TAMC	Max. 1000(cfu/g)	60
15	TYMC	Max. 100(cfu/g)	30
16	E. Coli	Absent/g	Absent
17	Salmonella	Absent/g	Absent
18	St. Auerus	Absent/g	Absent
19	Ps AREGEONSA	Absent/g	Absent

Remarks: Product Conforms to the above specification	Opinion: APPROVED / REJECTED
Document Checked By	Manager (QC/QA).
Date: 18/01/2023	Date: 18/01/2023

DMH FOOD GRADE /SAMPLE/ 1-2-Taste BV