



Gujarat Ambuja Exports Ltd  
BIO-CHEMICAL DIVISION  
HIMMATNAGAR (GUJARAT)

Format No: F/QA/QP/03

Certificate of Analysis

Revision: 02  
Date: 05/07/2022

**PRODUCT : DEXTROSE MONOHYDRATE POWDER**

**BATCH NO : CODE-HM-140**

**QUANTITY : 200 BAG X 50 KG**

**DATE : 11.01.2023**

**PRODUCTION : Dec- 2022**

**EXPIRY : TWO YEARS FROM THE DATE OF PRODUCTION**

S.N O	Characteristic	Result	Limits
1	Description	Complies	The Material shall be purified and crystallized d- glucose containing one molecule of water of crystallization. It shall be white of light cream in colour. The material shall be a crystalline or granular, odourless powder readily soluble in water with a characteristic sweet taste free from foreign flavour.
2	D-glucose content (on DB)	99.84	NLT 99.5%
3	Loss on Drying	8.18	7.50 – 9.50%
4	Ash Sulphated %	0.031	NMT 0.1%
5	Specific Rotation 10% w/v at 25° C	+52.86°	+52.50° to +53.3°
6	Acidity for 5 gm	Complies	NMT 1.0 ml of 0.02 N NaOH
7	Arsenic (mg/kg)	Complies	NMT 1.1 mg/kg
8	Copper (mg/kg)	Complies	NMT 2.0 mg/kg
9	Lead (mg/kg)	Complies	NMT 0.5 mg/kg
10	Sulphur dioxide (mg/kg)	Complies	NMT 70 mg/kg

\*NMT=NOT MORE THAN \*NLT=NOT LESS THAN

**REMARK : The Batch is confirm as per IS 874 : 1992**

TESTED BY

HEAD Q.C.

