



BIO-CHEM CHEMICALS

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CERTIFICATE OF ANALYSIS

Product Name	DEXTROSE ANHYDROUS EXTRAPURE
Code No.	B-00942
Batch No.	BC05220284
Mfg.Date	NOV-2024
Date of Analysis	09/11/2024
Retest Date	APR-2029

TEST	SPECIFICATION	RESULT
Appearance	White to almost white crystalline powder	White crystalline powder
Identification	To comply IP, BP, USP tests	Complies
Solubility	Freely soluble in water, sparingly soluble in ethanol (96 per cent)	Complies
Specific optical rotation (20°C, 589 nm) (C=10, H ₂ O/dilute NH ₃) (Anhydrous substance)	+52.5° to +53.3°	+53.1°
Specific optical rotation (20°C, 589 nm) (C=10, 0.012N NH ₄ OH)	+52.6° to +53.2°	+52.8°
Appearance of solution	To comply BP test	Complies
Colour of solution	To comply USP test	Complies
Acidity or alkalinity	To comply IP,BP, USP test	Complies
Sulphite	Max 0.0015% (passes IP test)	Less than 0.0015%
Heavy metal (as Pb)	Max 0.0005%	Less than 0.0005%
Barium (Ba)	Passes IP, BP test	Complies
Calcium (Ca)	Passes BP test	Complies
Lead (Pb)	Max 0.00005%	Less than 0.00005%
Loss on drying (1 g, 105°C, 16h)	Max 0.5 %	0.11%
Foreign sugars, soluble starch, dextrins	Max 1.0%	Less than 1.0%
Bacterial endotoxin	Not more than 0.5 Endotoxin unit/ ml of a 5 % w/v solution	Complies

REMARK: This product complies as per the specifications of **BIO-CHEM CHEMICALS**.

This is an electronically generated certificate and is valid without a signature.

For Issues relating to quality you may send us a mail on info@biofinechemicals.com or call on **+91-7404210730** Website- www.biofinechemicals.com