

CERTIFICATE OF ANALYSIS
QUALITY CONTROL LABORATORY
 of SDFCL Mfg. Unit No. 1
 E27/ E28, MIDC, Tarapur Industrial Area, B-Road, Boisar-401506, Maharashtra

LAB. ID	: RM/2122/1368	CERTIFICATE NO.	: 030122/08
NAME OF PRODUCT	: DEXTROSE ANHYDROUS AR, ACS		
	: Meets Analytical Specification of IP, BP, USP, Ph.Eur.		
BATCH NO	: C22A/0822/0301/31	DATE OF ANALYSIS	: 26.03.2022
PRODUCT CODE	: 20117	SPECIFICATION REF.	: 20117SP03
MFG. DATE	: MARCH-2022	RETEST DATE	: FEBRUARY-2027

CASR NO. : (50-99-7)

C₆H₁₂O₆ M.W. : 180.16

TEST	SPECIFICATIONS	RESULTS	TEST METHOD REF.
Description	White crystalline powder.	Complies	SDFCL-TAR-GTP -001
Solubility	10% solution in water is clear and colourless.	Complies	SDFCL-TAR-GTP -004
Identification	Passes test.	Complies	BP
Specific Rotation [α] _D ²⁰ (C=10 in H ₂ O)	+52.5° to +53.0°	+52.64°	IP
pH (10% solution in water)	Min. 4.5	5.61	SDFCL-TAR-GTP -009
Loss on drying (at 105°C)	Max. 0.2%	0.19%	ACS
Sulphated ash	Max. 0.03%	0.19%	BP
MAXIMUM LIMIT OF IMPURITIES			
Water insoluble matter	0.003%	Complies[<0.003%]	Analar
Alcohol insoluble matter	0.005%	Complies[<0.005%]	Analar
Acidity or alkalinity	Passes test.	Complies	IP
Dextrin	Passes test.	Complies	USP
Chloride (Cl)	0.0025%	Complies[<0.0025%]	BP
Sulphate (SO ₄)	0.0025%	Complies[<0.0025%]	BP
Sulphite (SO ₂)	0.0005%	Complies[<0.0005%]	SDFCL-TAR-LTP -062
Soluble starch, sulphide	Passes test.	Complies	USP
Foreign sugars, soluble starch & dextrin	Passes test.	Complies	IP
Arsenic (As)	0.0001%	Complies[<0.0001%]	SDFCL-TAR-LTP -017
Barium (Ba)	Passes test.	Complies	SDFCL-TAR-LTP -018
Copper (Cu)	0.0001%	Complies[<0.0001%]	SDFCL-TAR-LTP -031
Calcium (Ca)	0.02%	Complies[<0.02%]	SDFCL-TAR-LTP -024
Iron (Fe)	0.0001%	Complies[<0.0001%]	SDFCL-TAR-LTP -038
Lead (Pb)	0.00005%	Complies[<0.00005%]	SDFCL-TAR-LTP -039

THE ABOVE BATCH MATERIAL COMPLIES WITH THE PRESCRIBED QUALITY OF THE STANDARD AS STATED ABOVE.

Measured values given in this Certificate of Analysis are the results determined at the time of Analysis.

The above data do not relieve the user from analysing the product upon receipt. Any legally binding assurance regarding the suitability of the product for any particular purpose or use can not be derived thereof.

The results relate only to the sample tested.

This certificate shall not be reproduced except in full, without written consent of the Lab. management.

This product is manufactured at our manufacturing unit no. 1 (Boisar).

For S D FINE-CHEM LIMITED

Sampling SOP No. : SDFCL-TAR-SWP-GEN-007
Sampling Plan : A (Sq. root of N+1)
Spl. Ref. (if any) : -

(Authorised Signatory)

..... END OF REPORT

(This is a computer printed report, valid without signature)