

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

<b>LAB. ID</b>	: RM/1819/1491	<b>CERTIFICATE NO.</b>	: 191118/39
<b>NAME OF PRODUCT</b>	: DEXTROSE ANHYDROUS AR, ACS		
	: Meets Analytical Specification of IP, BP, USP, Ph.Eur.		
<b>BATCH NO</b>	: E19A/3918/1911/31	<b>DATE OF ANALYSIS</b>	: 07.05.2019
<b>PRODUCT CODE</b>	: 20117	<b>SPECIFICATION REF.</b>	: 20117SP04
<b>MFG. DATE</b>	: MAY-2019	<b>RETEST DATE</b>	: APRIL-2024

CASR NO : (50-99-7)

C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>

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
Colour & Clarity of solution (10 g in 15 ml of boiling water)	The solution is clear & not more intensely coloured than the reference solution BYS7.	Complies	USP
Identification	Passes test.	Complies	BP-2017
Specific Rotation [ $\alpha$ ] <sub>D</sub> <sup>20</sup> (C=10 in H <sub>2</sub> O)	+52.5° to +53.0°	+53.0°	IP-2014
pH (10% solution in water)	Min. 4.5	6.33	SDFCL-TAR-GTP -009
Loss on drying (at 105°C)	Max. 0.2%	0.18%	ACS 9 <sup>th</sup> Edition
Sulphated ash	Max. 0.03%	< 0.03%	IP-2014
<b>MAXIMUM LIMIT OF IMPURITIES</b>			
Water insoluble matter	0.003%	Complies [ $<0.003\%$ ]	Analar 8 <sup>th</sup> Edition
Alcohol insoluble matter	0.005%	Complies [ $<0.005\%$ ]	Analar 8 <sup>th</sup> Edition
Acidity or alkalinity	Passes test.	Complies	IP-2014
Dextrin	Passes test.	Complies	USP-26
Chloride (Cl)	0.0025%	Complies [ $<0.0025\%$ ]	USP
Sulphate (SO <sub>4</sub> )	0.0025%	Complies [ $<0.0025\%$ ]	SDFCL-TAR-LTP -060
Sulphite (SO <sub>2</sub> )	0.0005%	Complies [ $<0.0005\%$ ]	SDFCL-TAR-LTP -062
Soluble starch, sulphide	Passes test.	Complies	USP-26
Foreign sugars, soluble starch & dextrin	Passes test.	Complies	IP-2014
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	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)