

CERTIFICATE OF ANALYSIS

QUALITY CONTROL LABORATORY

of SDFCL Mfg.Unit No.2

Survey No.299,Poicha(R),-391 780, Taluka : Savli, District : Vadodara , Gujarat
 NABL ACCREDITED T-3669 ISO/IEC 17025 : 2005 For Chemical (Fine Chemical)

LAB ID.	: RM/1819/03101	CERTIFICATE NO.	: 140316/05
NAME OF PRODUCT:	GLYCEROL AR (meets the analytical specification of BP, USP, & Ph.Eur.) (Not for Direct Medicinal use)		
BATCH NO.	: C191/0516/1403/31		
PRODUCT CODE	: 20118	SPECIFICATION REF.:	20118SP03
MFG. DATE	: MAR.-2019	REASSESSMENT DATE:	FEB.-2024

CASR NO. (56-81-5)
C3H8O3 M. W. : 92.09

TEST	SPECIFICATIONS	RESULTS	TEST METHOD REF.
*Description	A clear viscous liquid, not more than 10 Hazen units in colour.	Complies	Ph Eur 6.0 th edition
*Solubility	Miscible with water & with Industrial Methylated spirit forming clear & Colourless solution.	Complies	Ph Eur 6.0 th edition
*Identification (By FTIR)	Passes test	Passes test	In house development
Minimum Assay (By GC)	99.5%	99.96%	ACS 10 th edition,2006
*Wt.per ml at 20°C	1.257 – 1.261 g	1.260 g	Ph Eur 6.0 th edition
*Refractive index	1.471 – 1.473	1.472	Ph Eur 6.0 th edition
*Reaction	pH 6.0 – 7.0	6.82	In house development
MAXIMUM LIMITS OF IMPURITIES:			
*Sulphated ash	0.005%	0.003%	ACS 10 th edition
*Chloride(Cl)	0.0001%	<0.0001%	ACS 2000
*Sulphate(SO ₄)	0.0005%	0.00028%	ACS 2000
*Arsenic(As)	0.0001%	NIL	In house development
*Iron (Fe)	0.00005%	0.00002%	Vogel's fifth edition Quantitative chemical Analysis
*Lead (Pb)	0.00005%	<0.00005%	ACS 2000
*Heavy Metals(Pb)	0.0005%	NIL	ACS 2000
*Esters of fatty acids (glycerol tributyrate)	Passes test	Passes test	In house development

.....END OF REPORT.....

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

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*Sugar (glucose)	Passes test	Passes test	In house development
*Acidity or Alkalinity	Passes test	Passes test	BP - 2004
*Aldehydes	Passes test	Passes test	BP - 2004
*Related substances	Passes test	Passes test	USP
*Halogenated compounds (as Cl)	0.003%	<0.003%	USP
*Water	2.0%	0.043%	Ph Eur 6.0 th edition
*Organic volatile impurities	Meets the requirement	Complies	USP
*Ethylene Glycol & related Substance (GC)	Passes test	Passes test	USP

“The tests marked with an * are not accredited by NABL (ISO/IEC 17025:2005)”.

THE ABOVE BATCH MATERIAL COMPLIES WITH THE PRESCRIBED QUALITY STANDARD AS 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 analyzing the product upon receipt. Any legally binding assurance regarding the suitability of the product for any particular purpose or use cannot be derived thereof.

The result 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. 2 (Poicha)

Sampling SOP No. : SDFCL-POI-SOP-001

Sampling Plan : A (Sq. root of N+1)

Spl.Ref. (if any) : -

For S D FINE-CHEM LIMITED

(Authorised Signatory)

.....END OF REPORT.....

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