

# ASES CHEMICAL WORKS

Brahm Bagh, Jalori Gate Jodhpur - 342001 Rajasthan-India

Ph: +91-9636889954

Email : ecom@ases.in Website : www.ases.in



## CERTIFICATE OF ANALYSIS

1. Name of the Product	Glycerine (Veg) 99.5%
2. INCI Name	Glycerol
3. CAS Number	56-81-5
4. Batch No & Mfg. Date	As mentioned on Label
5. Date Of Exp	3 Years From MFG Date
6. Date of Analysis	May-2024

Test Description	Specification	Result
Glycerine Assay E422 and EP (% m/m):	99.5-101.0 min	100
Aerole in formation on heating E422 {Id A):	Complies	Complies
Specific gravity (25/25 deg C) E422 (Id B):	1.257min	1.262
Refractive Index at 20 deg C E422 and EP (Id C):	1.471-1.474	1.474
Water, Karl Fischer EP(%):	0.5 max	0.D7
Sulphated Ash E422 and EP (%):	0,01 max	0
Colour APHA	10 max	1
Butanetrils E422 (%):	0.2 max	Complies
Acroleine, Glucose, Ammonium Compounds E422:	Complies	Complies
3-MCPD E422 (%):	Complies	Complies
Fatty Acids and Ester E422 (as Butyric Acid)(%):	0.1 max	Complies
Chlorinated Compounds E422 (ppm):	30 max	Complies
Arsenic E422 (mg/kg):	3 max	Complies
Lead E422 (mg/kg):	2 max	Complies
Mercury E422 (mg/kg):	1 max	Complies
Cadmium E422 (mg/kg):	1 max	Complies
Heavy Metals E422 and EP (ppm):	5 max	Complies
Identification A1 B, C and D EP:	Complies	Complies
Appearance of solution EP;	Complies	Complies
Acidity and Alkalinity EP (ml 0.1M NaOH):	0.2 max	Complies
Aldehydes EP (ppm):	10 max	Complies
Esters EP (ml 0.1M HCl):	8,0 min	9,2
Impurity A and Related Substances EP:	Complies	Complies
Halogenated Compounds EP (ppm):	35 max	Complies
Sugars EP:	Complies	Complies
Chlorides EP (ppm):	10 Max	Complies