



## NIRMA LIMITED

SURVEY NO -478 - P, VILLAGE-KALATALAV,, BHAVNAGAR-364313, Gujarat

Date:15.12.2022

### CERTIFICATE OF ANALYSIS : GLYCERINE CP

Customer Name	-
Batch No.	176/4
Date of Manufacturing	15.12.2022
Date of Expiry	14.12.2024
Specification	As per IS -1796-1986

Sr No.	Characteristics	UOM	Specification	Result
1	Glycerol percent by mass	%	98.00 min	98.70
2	Relative Density 30/30°C	-	1.2552 min	1.2554
3	Colour reading on Lovibond	-	1.0 max	0.5
4	Ash percent by mass	%	0.0100 max	0.0050
5	Arsenic (as As)	ppm	2.00 max	<2.0
6	Copper	-	To Pass the Test	Pass the Test
7	Iron (as Fe)	ppm	0.50 max	<0.5
8	Lead (as Pb)	ppm	1.00 max	<1.0
9	Chlorides (as Cl)	ppm	10.00 max	8.6
10	Sulphates (as SO <sub>4</sub> )	ppm	10.00 max	8.0
11	Alkalinity as Na <sub>2</sub> O	-	Nil	Nil
12	Fatty acids and esters (as Na <sub>2</sub> O)	%	0.030 max	0.026
13	Acraldehyde and Glucose	-	To Pass the Test	Pass the Test
14	Reducing substances	-	To Pass the Test	Pass the Test

Remarks:	Conforms to the specifications.
----------	---------------------------------

Analysed/Approved By :
PRADIPSINH CHUDASAMA