

Certificate of Analysis

Product Name :	Glorbate 80(Polysorbate 80)	CAS No:	9005-65-6
Batch No :	GL/PG/201/2020	Batch Size :	1800KGs
Mfg. Date:	AUG 2020	Exp Date:	JULY 2025
Analysis Date:	20 AUG 2020	Re-Test date:	JAN 2023
Ref. No:	GIC/PG/K-160429	Sample Quantity	100 GMs

Sr.no.	Parameters	Results	Specification
1.	Appearance	Light yellow oily clear liquid	Oily, colorless or brownish yellow, clear or slightly opalescent liquid
2.	Solubility	Complies	Very soluble in water, Soluble in alcohol and in ethyl acetate, Insoluble in mineral oil
3.	Identification		
	a} .Infrared absorption spectrophotometry	Complies	IR absorption spectrum of test sample is concordant with IR spectrum obtained from Reference standard
	b} Composition of fatty acids	Complies	Should comply with test for fatty acid composition
4.	Composition of fatty acids		
	a. Myristic acid	0.10%	NMT 5.0%
	b. Palmitic acid	7.13%	NMT 16.0%
	C. Palmitoleic acid	Nil	MMT 8.0%
	d. Stearic Acid	Nil	NMT 6.0%
	e. Oleic acid	84.38%	NLT 58.0%
	f. Linolenic acid	8.37%	NMT 18.0%
	g. Linolenic acid	Nil	NMT 4.0%
5.	Residue on ignition	0.08%	NMT 0.25%
6.	Ethylene oxide content	Less than 1 ppm	NMT 1ppm
7.	Dioxane content	Less than 10 ppm	NMT 10 ppm
8.	Specific Gravity	1.07	1.06 1.09
9.	Viscosity at 25 C	389.41 cst	300 500 centistokes
10.	Acid Value	0.45	NMT 2.0
11.	Hydroxyl Value	73.01	65 - 80
12.	Peroxide Value	0.91	NMT 10.0
13.	Saponification Value	49.51	45 - 55

Reg office (Head office)

205,206 BBC Tower, World Trade Center,
Sayajigunj, Vadodara – 390 005, Gujarat-
India
Tel.No : +91-265-2362982, 2363350,
2361781/82

Factory address:

Survey plot no.373, opp. Ramakaka Deri,
Chhani, Vadodara- 391 704, Gujrat-India.
Tel.No:+ 91-7043777520

Mumbai office:

205, SukhanadKrupa, Phirozshah Mehta
Rd., Behind Hi Life
Mall,Santacruz(w),Mumbai-400 054
Tel no. : +91-22-26000654, +91-
9892417240

UAE office:

PO BOX NO. 932,
Ajman Free zone, Ajman, UAE
Tel No. : +971-551387750, +91-
9987789620

14.	Water Content	2.04%	NMT 3.0%
15.	Odour	Complies	Faint & characteristic
16.	Sulphated ash(%)	0.11	0.20 Max

OPINION: The above material passes /complies as per IP- /BP- /USP- specification

Analyzed By	Approved By	Authorized By
Q C Chemist:	Q C Manager:	Asst. Manager QA:
Date:	Date:	Date:




GLORIA
INTERCHEM

Reg office (Head office)

205,206 BBC Tower, World Trade Center,
Sayajigunj, Vadodara – 390 005, Gujarat-
India
Tel.No : +91-265-2362982, 2363350,
2361781/82

Factory address:

Survey plot no.373, opp. Ramakaka Deri,
Chhani, Vadodara- 391 704, Gujrat-India.
Tel.No:+ 91-7043777520

Mumbai office:

205, SukhanadKrupa, Phirozshah Mehta
Rd., Behind Hi Life
Mall,Santacruz(w),Mumbai-400 054
Tel no. : +91-22-26000654, +91-
9892417240

UAE office:

PO BOX NO. 932,
Ajman Free zone, Ajman, UAE
Tel No. : +971-551387750, +91-
9987789620