



CERTIFICATE OF ANALYSIS

PRODUCT NAME : UNITOP – POLYSORBATE–20(SP)
BATCH NO. :
QUANTITY (kgs) :
MFG. DATE :
EXP. DATE :

S.N	PARAMETERS	SPECIFICATIONS	RESULTS	UNITS	METHODS
1	Appearance@30°C	Golden coloured oily liquid, free from suspended matter.	Golden coloured oily liquid, free from suspended matter.	-	UCPL/TM/001
2	Solubility	Soluble in Water, ethanol, ethyl acetate and toluene. Insoluble in mineral oils & vegetable oils	Passes	-	UCPL/TM/064
3	pH of 5% of soln.	5.0 – 8.0	6.11	-	UCPL/TM/047
4	Hydroxyl Value	96 – 108	103.21	mgKOH/g	UCPL/TM/034
5	Saponification Value	40 – 50	48.38	mgKOH/g	UCPL/TM/057
6	Acid Value	2.0 max	0.54	mgKOH/g	UCPL/TM/002
7	Iodine Value	5.0 max	1.35	I ₂ /100/g	UCPL/TM/036
8	Moisture Content	3.0 max	2.50	%	UCPL/TM/040

REMARKS : Material Passes

Analyzed By :

MR. DATTATRAY GAWADE
CHEMIST – QC



Approved By :

MR. PRADEEP SARANG
HOD – QC

Factory Unit 1 : Plot No. A-18, M. I. D. C., Patalganga, Dist. Raigad - 410 220, Maharashtra.
GSTIN : 27AAACU1406F1ZS

Factory Unit 2 : Plot No. D-2/CH-343, GIDC Phase - II, Near Village Jolwa, Bharuch Dahej Highway,
Dahej, Dist. Bharuch - 392 130, Gujarat • GSTIN : 24AAACU1406F1ZY