



CERTIFICATE OF ANALYSIS

PRODUCT NAME : ACRYPOL 940
BATCH NO. : 11018043
MFG. MONTH : Jul-2018
RETEST. MONTH : Jun-2021

ISSUE DATE. : 30-Jul-2018
A.R.NO. : A181910002770

The supply as detailed above has been tested and found to meet the requirement as below on sample basis.

SR.No	PARAMETER	UNIT	SPECIFICATION	RESULTS
1	DESCRIPTION		WHITE, FLUFFY, HYGROSCOPIC POWDER HAVING A SLIGHT, CHARACTERISTIC ODOR. THE pH OF 1 IN 100 DISPERSION IN WATER IS ABOUT 3.	WHITE, FLUFFY, HYGROSCOPIC POWDER HAVING A SLIGHT, CHARACTERISTIC ODOR. THE pH OF 1 IN 100 DISPERSION IN WATER IS ABOUT 3.
2	SOLUBILITY		WHEN NEUTRALIZE WITH ALKALI HYDROXIDE OR AMINE IT DISSOLVE IN WATER, ALCOHOL AND GLYCERIN	COMPLIES
3	IDENTIFICATION		VERY VISCOUS GEL IS PRODUCED	VERY VISCOUS GEL IS PRODUCED
4	IDENTIFICATION		10 mg/mL DISPERSION WITH THYMOL BLUE - ORANGE COLOR	ORANGE COLOR PRODUCED
5	IDENTIFICATION		10 mg/mL DISPERSION WITH CRESOL RED - YELLOW COLOR	YELLOW COLOR PRODUCED
6	VISCOSITY (0.5% AQUEOUS DISPERSION)	mPa.s	40000 TO 60000	48000
7	LOSS ON DRYING (IN A VACUUM AT 80°C FOR 1 HOUR)	%	NMT 2.0	0.76
8	LIMIT OF BENZENE	%	NMT 0.5	Not Detected
9	ASSAY FOR CARBOXYLIC ACID CONTENT	%	56.0 TO 68.0	58.11

STATUS : Approve Above Spec.

* Specification as per finished product specification [QC/WI/335(05)] (Carbomer 940). Meeting requirement of USP/NF.

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