



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME** : ACRYPOL 934  
**BATCH NO.** : 22018010  
**MFG. MONTH** : Jul-2018  
**RETEST. MONTH** : Jun-2021

**ISSUE DATE.** : 31-Jul-2018  
**A.R.NO.** : A181910002779

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 POWDER, HAVING A SLIGHT, CHARACTERISTIC ODOR & HYGROSCOPIC. THE pH OF 1 IN 100 DISPERSION IN WATER IS ABOUT 3.	WHITE, FLUFFY POWDER, HAVING A SLIGHT, CHARACTERISTIC ODOR & HYGROSCOPIC. THE pH OF 1 IN 100 DISPERSION IN WATER IS ABOUT 3.
2	SOLUBILITY		WHEN NEUTRALIZED WITH ALKALI HYDROXIDES OR WITH AMINES, IT DISSOLVES IN WATER, IN ALCOHOL, AND IN GLYCERIN.	COMPLIES
3	IDENTIFICATION		VERY VISCOUS GEL IS PRODUCED	VERY VISCOUS GEL IS PRODUCED
4	IDENTIFICATION		10 mg/mL DISPERSION WITH THYMOL BLUE - ORANGE COLOUR	ORANGE COLOUR PRODUCED
5	IDENTIFICATION		10 mg/mL DISPERSION WITH CRESOL RED - YELLOW COLOUR	YELLOW COLOUR PRODUCED
6	VISCOSITY (0.5% AQUEOUS DISPERSION)	mPa.s	30500 TO 39400	32000
7	LOSS ON DRYING (IN A VACUUM AT 80°C FOR 1 HOUR)	%	NMT 2.0	0.75
8	LIMIT OF BENZENE	%	NMT 0.5	Not Detected
9	ASSAY FOR CARBOXYLIC ACID CONTENT	%	BETWEEN 56.0 TO 68.0	57.38

**STATUS** : Approve Above Spec.

\* Specification as per finished product specification [QC/WI/332(03)] (Carbomer 934). Meeting requirement of USP/NF.

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