



CERTIFICATE OF ANALYSIS

PRODUCT NAME : ACRYPOL 934
 BATCH NO. :
 MFG. MONTH : Nov-2019
 RETEST. MONTH : Oct-2022

ISSUE DATE. : 01-Dec-2019

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 - ORANGECOLOUR	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	31500
7	LOSS ON DRYING (IN A VACUUM AT 80°C FOR 1 HOUR)	%	NMT 2.0	0.74
8	LIMIT OF BENZENE	%	NMT 0.5	Not Detected
9	ASSAY FOR CARBOXYLIC ACIDCONTENT	%	BETWEEN 56.0 TO 68.0	57.92

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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The Next Generation Polymer Technologist

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