



CERTIFICATE OF ANALYSIS

PRODUCT NAME : ACRYPOL 941
 BATCH NO. : 44017004
 MFG. DATE : Mar-2018
 RETEST DATE : Feb-2023

ISSUE DATE.: 30-Mar-2018
 A.R.NO. : A171810007359

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 NEUTRALIZE WITH ALKALI HYDROXIDE OR AMINE IT DISSOLVE IN WATER, ALCOHOL AND GLYCERIN.	WHEN NEUTRALIZE WITH ALKALI HYDROXIDE OR AMINE IT DISSOLVE IN WATER, ALCOHOL AND GLYCERIN.
3	IDENTIFICATION		VERY VISCOUS GEL IS PRODUCED	VERY VISCOUS GEL IS PRODUCED
4	IDENTIFICATION		10 mg/mL DISPERSION WITH THYMOL BLUE - ORANGE COLOR	10 mg/mL DISPERSION WITH THYMOL BLUE - ORANGE COLOR
5	IDENTIFICATION		10 mg/mL DISPERSION WITH CRESOL RED - YELLOW COLOR	10 mg/mL DISPERSION WITH CRESOL RED - YELLOW COLOR
6	VISCOSITY (0.5% AQUEOUS DISPERSION)	mPa.s	4000 TO 11000	5800
7	LOSS ON DRYING	%	NMT 2.0	0.79
8	LIMIT OF BENZENE	%	NMT 0.5	Not Detected
9	ASSAY FOR CARBOXYLIC ACID CONTENT	%	56.0 TO 68.0	57.2

STATUS : Approve Above Spec.

* Specification as per finished product specification [QC/WI/336(05)] (Carbomer 941). Meeting requirement of USP/NF.

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