

Certificate of Analysis

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| Product Name | CARBOMER 940 | | |
| Batch No. | DI01122024 | Date | 01.12.2024 |
| Mfg. Month | DEC 2024 | A.R. No. | REC/211/2024 |
| Retest Month | NOV 2028 | Grade | Cosmetic Grade |

| SR. NO. | TEST | SPECIFICATION | RESULTS |
|---------|--|---|----------------------|
| 01 | Description | White, fluffy, hygroscopic powder having a slight, characteristic odor. The pH of 1 in 100 dispersions in water is about 3. | Complies |
| 02 | Solubility | When neutralize with alkali hydroxide or amine it dissolve in water, alcohol and glycerine | Complies |
| 03 | Identification A | Spectroscopic Identification Test | Complies |
| 04 | Identification B | 10 mg/mL Dispersion With Thymol Blue - Orange Colour 10 mg/mL Dispersion With Cresol Red - Yellow Colour | Complies Complies |
| 05 | Identification C | Very viscous gel is produced | Complies |
| 06 | Limit of Benzene (%) | NMT 0.5 | Not detected |
| 07 | Loss on drying (%) | NMT 2.0 | 0.78 |
| 08 | Viscosity (mPa.s) (0.5% mucilage in water, 25°C pH 7.3-7.8, spindle # 7, rpm 20) | 40,000 to 60,000 | 45,220 |
| 09 | Assay for carboxylic Acid content (%) | 56.0 to 68.0 | 63.2 |



Authorized By

