

Certificate of Analysis

Product Name	CARBOMER 996		
Batch No.	DI01122024	Date	01.12.2024
Mfg. Month	DEC 2024	A.R. No.	REC/214/2024
Retest Month	NOV 2028	Grade	Cosmetic Grade

SR. NO.	TEST	SPECIFICATION	RESULTS
01	Description	White, fluffy, hygroscopic powder having a slight, characteristic odor.	Complies
02	Identification A	1) 10 mg/mL Dispersion With Thymol Blue - Orange Colour	Complies
		2) 10 mg/mL Dispersion With Cresol Red - Yellow Colour	Complies
03	Identification B	Very viscous gel is produced	Complies
04	Loss on drying (%)	NMT 2.0	0.85
05	Viscosity (mPa.s) (0.5% mucilage in water, 25°C pH 7.3-7.8, spindle # 7, rpm 20)	45,000 to 65,000	50,105
06	pH(%) Solution	2.5 to 3.0	2.79
07	Total Heavy Metals(%)	NMT 0.002	<0.002
08	Sulphated Ash (%)	NMT 4.0	0.87
09	Limit of Benzene (%)	NMT 0.5	Nil
10	Assay for carboxylic Acid content (%)	56.0 to 68.0	59.50
11	Clarity of 0.5% Solution in reference with water at 420 nm Spectrometer	NLT 85	92



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