

ASES CHEMICAL WORKS

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CERTIFICATE OF ANALYSIS

1. Name of the Product	Carbomer/Carbopol 940
2. INCI Name	Carbomer
3. CAS No	9003-01-4
4. Mfg. Date	As on Label 2024
5. Date Of Exp	As mentioned on Label
6. Date of Analysis	May - 2024

The Supply as detailed above has been tested and found to meet the requirement as below On sample basis.

No	TESTS	OBSERVED	STANDARDS
1	Characteristics	Complies	White, Fluffy Powder, Odour, Slight And Characteristic; Hygroscopic.
2	Identification	Complies	A (1) 1%Dispersion with thymol blue-orange color (2) 1% Dispersion with cresol Red-yellow color (B) Very Viscous gel produce
3	Limit of Benzene	Absent	Not More Than 0.2% of Benzene
4	Heavy Metals	Complies	Not More Than 20 ppm .
5	Loss On Drying	0.43%	Not More Than 2.0% of W/VV At 80 c
6	Sulphated Ash	0.41%	Not More Than 4.0% of W/W .
7	Carboxylic Acid Content Assay %	58.80%	Not Less Than 56.0% And Not More Than 68.0% of Carboxylic Acid Groups.
8	PH	2.6	1.0% Solution Limit 2.5 To 3.0
9	Viscosity	---	15000 To 35000 Cps of 0.2% Sol Spindle 6
		44500Cps	40000 To 60000 Cps of 0.5% Sol Spindle 7. (20 Rpm 25 C, Neutral Solution)
10	Clarity	93%	0.5% Solution Has Not Less than 80% Transmission