

## Certificate of Analysis

### (Representative Sample Certificate)

**Product Name:** Carbomer 940  
**INCI Name:** Carbomer  
**CAS Number:** 9003-01-4  
**Lot Number:** Not available (data may vary slightly with different lots or batches)  
**Expiration Date:** 24 months from production date

Property	Specifications	Analysis
Appearance (@25°C) (Visual)	Fine, white Powder	Pass
pH (0.5% Solution @ 25°C) (017.00)	2.7 - 3.3	3
Viscosity (cPs) - Neutralized 0.2% Solution (SM017-15)	15,000 - 30,000 (25°C, 20 rpm)	25,250
Viscosity (cPs) - Neutralized 0.5% Solution (SM017-15)	45,000 - 70,000 (25°C, 20 rpm)	51,800
Carbon (Carbomer) (040.01)	47.0 - 50.8%	49%
Hydrogen (Carbomer) (040.01)	5.0 - 6.2%	5.5%
Percent Loss on Drying (014, SM007)	2.0% MAX (1hr @ 80°C)	Pass
Equivalent weight of Carbomer (038.00)	69 - 78	72.0
Clarity of Neutralized Solution (S054)	80% MIN	95.0%
Residual Benzene (USP)	0.5% MAX	0.35%
Acrylic Acid (%)	<0.25	0.18

“Certified in compliance with the terms of the US-Canada Organic Equivalency Arrangement. The above data was obtained using the test indicated and is subject to the deviation inherent in the test method. Results may vary under other test methods or conditions.”

This report is not to be signed. All data are as per our supplier.

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