
Certificate of Analysis**(Representative Sample Certificate)**

Product Name: Carbomer 940
INCI Name: Carbomer 940
CAS Number: 9003-01-4 or 76050-42-5
Lot Number: Not available (data may vary slightly with different lots or batches)
Expiration Date: 24 months from production date

Property	Specification	Analysis
Appearance (@25°C) (Visual)	Fine, white Powder	Pass
pH (0.5% Solution @ 25°C) (017.00)	2.7 - 3.3	3.1
Viscosity (cPs) - Neutralized 0.2% Solution (SM017-15)	15,000 - 30,000 (25°C, 20 rpm)	24,450
Viscosity (cPs) - Neutralized 0.5% Solution (SM017-15)	45,000 - 70,000 (25°C, 20 rpm)	50,800
Carbon (Carbomer) (040.01)	47.0 - 50.8%	49.7%
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	75.0
Clarity of Neutralized Solution (S054)	80% MIN	98.0%
Residual Benzene (USP)	0.5% MAX	0.27%
Acrylic Acid (%)	<0.25	0.13

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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