

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

**Product Name:** Carbomer 980 QD  
**INCI Name:** Carbomer  
**CAS Number:** 9003-01-4 or 176429-87-1  
**Lot Number:** Not available (data may vary slightly with different lots or batches)  
**Expiration Date:** 24 months from production date

Product Test	Method	Specification	Laboratory Values	Final Result
Appearance	Visual	Fine, White Powder	Pass	Pass
Viscosity (CPS) of neutralized 0.5% Solution	039.00	40,000-60,000, 25° C, #7, 20rpm	50100	Pass
Percent loss on Drying (%)	014.01	2.0 Max (1 hr 80° C)	Pass	Pass
Residual Ethyl Acetate/Cyclohexane (%)		0.45 Max	0.42	Pass
Residual Acrylic Acid (%)		0.25 Max	0.13	Pass
Clarity of Neutralized Solution (%)	039.00	85 MIN (420nm,pH 7.3-7.8)	96	Pass

All product characteristic test methods conforms to USP/NF unless noted with an asterisk(\*).

This product does not contain bovine, ovine, or caprine materials of any type.

The above data were 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.

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