

Certificate of Analysis

(Representative Sample Certificate)

Product Name: Carbomer-940
INCI Name: Carbomer
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

Characteristic	Specifications		Result
	Min.	Max.	
pH (.5% aqueous solution @ 25° C)	2.7	3.3	3.1
Viscosity (CPS) of neutralized solution @ 25° C (Brookfield RVF @ 20rpm)	-	-	-
0.2% solution	15,000	30,000	24,725
0.5% solution	45,000	70,000	45,900
*Carbon	47.0	50.8	49.7%
*Hydrogen	5.0	6.2	5.5%
*Water (dry for 1hr @ 80° C in vacuum)	-	2.0	Pass
*Equivalent weight	69	78	75
*Clarity of Neutralized solution	80	-	98 %
Benzene (%) by head space gas chromatography method	0	0.5	<0.5

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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