

CERTIFICATE OF ANALYSIS

Product Name	CARBOMER 940
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
Storage:	Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat

Item of Analysis	Specification	Results	Test Methods
Appearance	Fluffy, white powder	Pass	Visual Inspection
Viscosity (0.2% Aqueous Solution) mPa·s	19000~35000	24025	Rotational viscometer
Viscosity (0.5% Aqueous Solution) mPa·s	40000~70000	66100	Rotational viscometer
Residual Acrylic Acid %	≤0.25	0.17	HPLC
Residual Benzene %	≤0.50	0.30	UV
Transmittance (0.2% Aqueous Solution) %	≥85	93	UV
Transmittance (0.5% Aqueous Solution) %	≥85	92	UV
Loss on Drying %	≤ 2.0	0.36	Oven method
Bulk density g/100mL	19.5-23.5	Pass	Tapping apparatus
Hg(mg/kg)	≤ 1	Pass	Outsourcing inspection
As(mg/kg)	≤ 2	Pass	Outsourcing inspection
Cd(mg/kg)	≤ 5	Pass	Outsourcing inspection
Pb(mg/kg)	≤ 10	Pass	Outsourcing inspection

“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.

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy themselves as to the suitability & completeness of such information for their own particular use.

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