

## CERTIFICATE OF ANALYSIS

<b>Product Name:</b>	Carbomer-940		
<b>INCI Name:</b>	Carbomer		
<b>CAS Number:</b>	9003-01-4 or 76050-42-5		
<b>Batch Number</b>	20221205	<b>Manufacture Date</b>	20221205
<b>Report Date</b>	20221205	<b>Expiry Date</b>	20241204

Characteristic	Specifications		Results
	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 %

**Storage:** Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

**Shelf Life:** 24 months if store under the conditions above and stay in original packaging

