



## Technical Data Sheet

### Carbomer 980

Row	Test	Unit	Range	Test Procedure	Test Result	
1	Identification	-	-	USP/NF	According to the method	
2	Carboxylic Acid Content	% Assay	56-68	USP 30 [341P]	68-80	
3	Amount of dry matter	%	-	USP 30 [943P]	11	
4	Heavy Metals	Total heavy metals as Pb	ppm	< 20	ISIRI 12014	< 20
		Specific metals: Hg, Pb, As, Sb	ppm	< 10	ISIRI 9266	< 0.0165
6	Residual Monomer	ppm	< 2500	Lubrizol SA-005	< 700	
7	PH	-	-	ASTM E 70-19	2-3	
8	Benzene	ppm	< 1000	Lubrizol SA-064	< 0.1	

Row	carbomer use	PH	Viscosity (CP)
1	3 %	7	11710
2	4 %	7	26920
3	5 %	7	45810
4	6 %	7	94410
5	7 %	7	148460
6	100%	2 - 3	800.000

- CAS number 139637-85-7

**Application:** Carbomer 980 is a strong moisturizing, high efficient thickening, suspending, emulsification and stabilizing ability at low dosage in clear hydroalcoholic gel, Lotion and cream, Hair styling gel, Shampoo, Body wash.

**Description:** This type of Carbomer is synthesized based on water and does not contain any organic or toxic substances and dissolves between 100 to 250 times in water. Since water-based synthetic carbomer contains 90% water, and contains no toxic substance in its synthesis, it does not need to be dried and powdered. This will reduce the time and costs involved.

