



**Certificate of Analysis**  
**Product: Carbomer 940 - USP/BP**

Batch no: SP 200703  
 Manufacturing Date: July 2020  
 Expiry Date: June 2025

<b>TEST</b>	<b>STANDARDS</b>	<b>RESULTS</b>
Characteristics	White Fluffy powder, Odor: Slight and characteristics Hydroscopic	Complies
Identifications	(A) 1. 1% Dispersion with thymol blue- orange color 2. 1% Dispersion with Cresol Red-Yellow color (B) Very viscous gel produce	Complies
Limit of Benzene ( By GC)	Not more than 0.5 ppm	NIL
Heavy metals	Not more than 20 ppm	Complies
Loss of Drying	Not more than 2.0% of w/w at 80C	0.61%
Sulphated Ash	Not more than 2.5% of w/w	0.46%
Assay	Not less than 56% and not more than 68% of Carboxylic acid group	60.15%
<b>IN HOUSE SPECIFICATIONS</b>		
pH	1.0% Solution limit 2.5 to 3.0	2.82
Viscosity	40000 to 60000 Cps of 0.5% solution Spindle 7 ( 20 RPM 25C, Neutral Solution)	46520 Cps
Clarity	0.5% Solution has note less than 80% transmission	96.80%

Typical values are only an indication & may not exactly represent the batches when supplied. A data mentioned herein including values are believed to be correct, however, this should not be accepted as a guarantee of its accuracy and you are urged to do your own internal testing for accuracy and acceptance. Nothing herein, shall constitute a guarantee or warranty with respect of its use.