

## Certificate of Analysis

Product Name		Croscarmellose Sodium BP2022	
SR.	TESTS	RESULT	SPECIFICATION
1	Description	White powder	White or grayish-white hygroscopic powder
2	Solubility	Complies	Practically insoluble in acetone, in anhydrous ethanol, and in toluene.
3	Identification : (A)	Complies	Substance absorbs methylene blue and Settles as a blue fibrous mass.
	(B)	Complies	A reddish violet color develops at the interface.
	(C)	Complies	A) A dense precipitate is formed. Impart an intense yellow color to a nonluminous flame
4	pH	6.52	5.0 to 7.0
5	Degree of Substitution	0.67	0.60 to 0.85
6	Water soluble content	8.4%	NMT 10.0 %
7	Sodium chloride and Sodium Glycollate	0.33%	The sum of the percentages of sodium chloride and sodium glycolate should NMT 0.5 %
8	Settling volume	19ml	10 ml to 30 ml
9	Residue on ignition	19.2%	14 % to 28 %
10	Loss on drying	5.5%	NMT 10.0 %
11	<u>Microbial Limit Test</u> Aerobic counts Yeast & Mould count E.coli	130cfu/g 15cfu/g Absent	NMT 1000 cfu/g NMT 100 cfu/g Absent