



ALCON BIOSCIENCES PRIVATE LIMITED

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SPECIFICATION OF SODIUM CARBOXY METHYL CELLULOSE

Product name: SODIUM CARBOXY METHYL CELLULOSE

TEST	SPECIFICATION
Description	White to cream colored powder or granules
Solubility	Is easily dispersed in water to form colloidal solution. Insoluble in alcohol, in ether and in most other organic solvents
Identification	a) A red purple color develops at the interface. b) A fine white precipitate is formed. c) A solution responds to the test for sodium
pH	6.0-8.0
1.0%Viscosity on Brook Filed Viscometer. Model LV-DVE 3rd Spindle, rpm 30 at 25°C	1500-2500 cps
Heavy metals	20 ppm
LOD	Max10%
Chloride	NMT 0.25%
Sodium Glycolate	NMT 0.4%
Sulphated Ash	NLT 20.0%--NMT 33.0%
Assay as sodium	6.5-10.5%
SCMC content on BD	-----
Degree of substitution	-----
Organic Volatile Impurities	To Meets the Requirements
Total aerobic microbial count	NMT 1000 cfu/gm
Total combined moulds& yeast count	NMT 100 cfu/gm
Escherichia. Coli	Absent
Salmonella species	Absent
Staphylococcus species	Absent
Pseudomonas aeruginosa	Absent

REMARK: THE PRODUCT COMPLIES AS PER BP/USP 2019.