



ALCON BIOSCIENCES PRIVATE LIMITED

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SPECIFICATION OF MICROCRYSTALLINE CELLULOSE AND SODIUM CARBOXY METHYL CELLULOSE USP (AVICEL RC-591)

Product name: Microcrystalline Cellulose and Sodium Carboxy Methyl Cellulose (MCC RC-591)

TEST	SPECIFICATION
Appearance	White or off white, coarse or fine powder
Solubility	Dispersible in water producing a white, opaque colloidal dispersion; Practically insoluble in organic solvents, in dilute Acids.
Identification A,B,C	Pass
Viscosity 1.2%solids	NLT 60% & NMT 140% of the declared value (39-91 cps)
pH	6.0 – 8.0
Loss on drying	NMT 8.0%
Residue on ignition	NMT 5%
Heavy Metals % (Pb)	NMT 0.001%
Assay as sodium carboxy methyl cellulose %	75.00 to 125.0% w/w of the stated amount (8.3 – 13.8)
Particle size Wt% (+) 60mesh (+) 325mesh	NMT 0.1 NMT 45.0
Clarity of solution	Soluble
Residual Solvents	Meet the requirements
Total aerobic microbial count	NMT 1000cfu/g
Total combined moulds and yeast count	NMT 100cfu/g
Escherichia Coli	Absent in 10g
Salmonella species	Absent in 10g
staphylococcus species	Absent in 10g
Pseudomonas auriginosa	Absent in 10g

REMARK: THE PRODUCT COMPLIES AS PER BP/USP.