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Technical Data Sheet

HPMC E5

1 <u>Description</u>

HPMC E5 is low viscosity Hydroxypropyl Methyl Cellulose (HPMC) which is designed for using in a wide range of pharmaceutical excipient applications.

2 Physical Analysis

Appearance White to slightly off-white fibrous :

or granular powder.

Identification A to E: ConformSolution appearance: ConformMethoxy: 28.0-30.0%Hydroxypropoxy: 7.0-12.0%Loss on drying: 5.0% MaxResidue on ignition: 1.5% MaxpH: 5.0-8.0

Apparent viscosity : 3.0-6.0 cps

Particle size : Min. 98% pass through 100 mesh

3 Heavy Metals

Heavy Metal: ≤ 10 ppmArsenic: ≤ 3 ppmLead: ≤ 3 ppmMercury: ≤ 1 ppmCadmium: ≤ 1 ppm

4 Micro bacteria

Total plate count : $\leq 1000 \text{cfu/g}$ Yeast and Mould : $\leq 100 \text{cfu/g}$ Coli form : Absent/g Salmonella : Absent/g

5 Packaging

25kg fibre drum with inner liner.

6 Regulation

Meets all requirements of USP, EP, JP, CP for the monograph Hydroxypropyl Methyl Cellulose 2910.

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