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# **Technical Data Sheet**

## HPMC E3

#### 1 **Description**

HPMC E3 is low viscosity Hydroxypropyl Methyl Cellulose (HPMC) which is designed for using in a wide range of pharmaceutical excipient applications.

#### 2 **Physical Analysis**

White to slightly off-white fibrous Appearance

or granular powder.

Identification A to E Conform Solution appearance Conform 28.0-30.0% Methoxy Hydroxypropoxy 7.0-12.0% Loss on drying 5.0% Max Residue on ignition 1.5% Max рН 5.0 - 8.0

Apparent viscosity 2.4-3.6cps

Particle size Min. 98% pass through 100 mesh

#### 3 **Heavy Metals**

Heavy Metal ≤10ppm Arsenic ≤3ppm Lead ≤3ppm Mercury ≤1ppm Cadmium ≤1ppm

#### 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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