

Technical Data Sheet

Headcel®HPMC 75HD4000

1.0 Description

Headcel®HPMC 75HD4000 is mid-viscosity Hydroxypropyl Methyl Cellulose (HPMC) which is designed for using in a wide range of pharmaceutical applications.

2.0 Physical Analysis

Appearance	:	White to slightly off-white fibrous or granular powder.
Identification A to E	:	Conform
Solution appearance	:	Conform
Methoxy	:	19.0-24.0%
Hydroxypropoxy	:	4.0-12.0%
Loss on drying	:	5.0% Max
Residue on ignition	:	1.5% Max
pH	:	5.0-8.0
Apparent viscosity	:	3000-5600cps
Particle size	:	Min. 98% pass through 100 mesh

3.0 Heavy Metals

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

4.0 Micro bacteria

Total plate count	:	≤1000cfu/g
Yeast and Mould	:	≤100cfu/g
Coli form	:	Absent/g
Salmonella	:	Absent/g

5.0 Packaging

25kg fibre drum with inner liner.

6.0 Regulation

Meets all requirements of EP, JP, NF, ChP for the monograph Hydroxypropyl Methyl Cellulose 2208.

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