

Technical Data Sheet

HPMC E4M

1 Description

HPMC E4M 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	:	Conform
Solution appearance	:	Conform
Methoxy	:	28.0-30.0%
Hydroxypropoxy	:	7.0-12.0%
Loss on drying	:	5.0% Max
Residue on ignition	:	1.5% Max
pН	:	5.0-8.0
Apparent viscosity	:	3200-4800cps
Particle size	:	Min. 98% pass through 100 mesh
Heavy Metals		
Heavy Metal	:	≤10ppm
Arsenic	:	≪3ppm
Lead	:	≪3ppm
Mercury	:	≤1ppm
Cadmium	:	≤1ppm
<u>Micro bacteria</u>		
Total plate count	:	≤ 1000 cfu/g
Yeast and Mould	:	≪100cfu/g
Coli form	:	Absent/g
Salmonella	:	Absent/g

5 <u>Packaging</u>

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25kg fibre drum with inner liner.

6 <u>Regulation</u>

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

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