

# **Technical Data Sheet**

Hydroxypropyl Methyl Cellulose

**HPMC E50** 

## 1 <u>Description</u>

**HPMC E50** is low viscosity Hydroxypropyl Methyl Cellulose (HPMC) which is designed for using in a wide range of pharmaceutical excipient applications.

2 Physical Analysis

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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	:	40.0-60.0cps
Particle size	:	Min. 98% pass through 100 mesh
Heavy Metals		
Heavy Metal	:	≤10ppm
Arsenic	:	≪3ppm
Lead	:	≪3ppm
Mercury	:	≤1ppm
Cadmium	:	≤1ppm
Micro bacteria		
Total plate count	:	≤1000cfu/g
Yeast and Mould	:	$\leq 100$ cfu/g
Coli form	:	Absent/g
Salmonella	:	Absent/g
Packaging		

## 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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#### **Storage:**

Store it in a cool, dry place below 30°C and protected against humidity and pressing, since the goods is thermoplastic, storage time should not exceed 36 months.

#### Safety notes:

The above data is in accordance with our knowledge, but don't absolve the clients carefully checking it all immediately on receipt. To avoid the different formulation and different raw materials, please do more testing before using it.

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