

Technical Data Sheet

Hydroxypropyl MethylCellulose

HPMC E5 FG

1 Description

HPMC E5 FG is low viscosity Hydroxypropyl Methyl Cellulose (HPMC) which is designed for using in a wide range of food ingredient additives 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
pH	:	5.0-8.0
Apparent viscosity	:	4.0-6.0cps
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	:	≤1000cfu/g
Yeast and Mould	:	≤100cfu/g
Coli form	:	Absent/g
Salmonella	:	Absent/g

5 Packaging

25kg fibre drum with inner liner.

6 Regulation

Meets all requirements of FCC,FSSC,E464 Hydroxypropyl Methyl Cellulose.



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.