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# Technical Data Sheet

## Headcel®75HD4000FG

### 1.0 Description

Headcel®75HD4000FG is mid-viscosity Hydroxypropyl Methyl Cellulose (HPMC) which is designed for using in a wide range of food applications.

### 2.0 Physical Analysis

Appearance	:	White to slightly off-white fibrous or granular powder.
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
Viscosity	:	3200 - 4800cps
Particle Size	:	Min. 98% pass through 100 mesh

### 3.0 Heavy Metals

Heavy Metal	:	<20ppm
Lead	:	<3ppm
Arsenic	:	<3ppm
Mercury	:	<1ppm
Cadmium	:	<1ppm

### 4.0 Micro bacteria

Total plate count	:	<1000 cfu/g
Yeast and Mould	:	<100 cfu/g
Coli form	:	absent/g
Salmonella	:	absent/g

### 5.0 Packaging

25kg fibre drum with inner liner.

### 6.0 Storage and Shelf Life

3 years under cool, dry conditions in original packaging away from heat sources. It is recommended to use the product in rotation on a first-in first-out basis.

### 7.0 Regulation

Meet E464,FCCIV,USP34.