

**SPECIFICATIONS HPMC****HYDROXY PROPYL METHYL CELLULOSE 15.000CPS**

ITEM	STANDARD	RESULT
Appearance	White to slightly off-white fibrous or granular powder	White powder
Identification A to C	Conforms	Conforms
Methoxyl content (wt%)	19.0-24.0	20.1
Hydroxypropoxyl content(wt%)	4.0-12.0	9.5
Viscosity (cp)	12.000-16.000	15.600
Loss on drying (wt%)	5.0 max.	4.5
Residue on ignition (WT%)	1.5 max	1.0
PH (25°C)	4.0-8.0	6.1

HYDROXY PROPYL METHYL CELLULOSE 30.000CPS

ITEM	STANDARD	RESULT
Appearance	White to slightly off-white fibrous or granular powder	White powder
Identification A to C	Conforms	Conforms
Methoxyl content (wt%)	19.0-24.0	21.8
Hydroxypropoxyl content (wt%)	4.0-12.0	9.1
Viscosity (cp)	20000-40000	39000
Loss on drying (wt%)	5.0 max.	3.4
Residue on ignition (wt%)	1.5 max	0.9
PH (25°C)	4.0-8.0	6.3

**SPECIFICATIONS HPMC****HYDROXY PROPYL METHYL CELLULOSE 50.000CPS**

ITEM	STANDARD	RESULT
Appearance	White to slightly off-white fibrous or granular powder	White powder
Identification A to C	Conforms	Conforms
Methoxyl content (wt%)	19.0-24.0	20.5
Hydroxypropoxyl content (wt%)	4.0-12.0	9.3
Viscosity (cp)	40.000-60.000	58.500
Loss on drying (wt%)	5.0 max.	4.4
Residue on ignition (wt%)	1.5 max	1.0
PH (25°C)	4.0-8.0	5.3

HYDROXY PROPYL METHYL CELLULOSE 70.000CPS

ITEM	STANDARD	RESULT
Appearance	White to slightly off-white fibrous or granular powder	White powder
Identification A to C	Conforms	Conforms
Methoxyl content (wt%)	19.0-24.0	19.8
Hydroxypropoxyl content (wt%)	4.0-12.0	8.8
Viscosity (cp)	60.000-80.000	78.500
Loss on drying (wt%)	5.0 max.	3.4
Residue on ignition (wt%)	1.5 max	1.0
PH (25°C)	4.0-8.0	5.8