

## 1912– HYDROXY PROPYL METHYL CELLULOSE

REF NO: TBL/QA/SS/LC/1912	<b>STANDARD SPECIFICATION FOR HYDROXY PROPYL METHYL CELLULOSE</b>	Rev. No: 03
Issue No: 04		Review Date: 14/03/2025
Issue Date: 15/03/2022		Product code: 1912

### PRODUCT PROPERTIES

<b>C.A.S Number</b>	9004-65-3
<b>Chemical Formula</b>	C <sub>32</sub> H <sub>60</sub> O <sub>19</sub>
<b>Formula weight</b>	748.81
<b>Functional Uses</b>	(Hydroxypropyl)methyl cellulose (HPMC), an inert viscoelastic polymer is used as an emulsifier, thickening and suspending agent similar to animal gelatin. HPMC is used in the development of controlled-delivery medicament.
<b>Standard Packaging</b>	500 gm.

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White to off white powder
Solubility (2% soln. at 25°C)	Soluble in water.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (2% soln. at 25°C)	6.0 – 7.0
Moisture	NMT – 10.0%
Ash	NMT – 2.0%
Viscosity (2% soln.)	50 – 50000 cps
Assay	NLT – 98.0%

**NOTE:** Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

