



**Specification for Hypromellose, Substitution Type 2910, 4000 mPa.s, USP (H1335)**

Item Number	H1335
Item	Hypromellose, Substitution Type 2910, 4000 mPa.s, USP
CAS Number	9004-65-3
Molecular Formula	
Molecular Weight	
MDL Number	
Synonyms	Hydroxypropyl Methylcellulose ; Modified Cellulose ; Propylene Glycol Ether of Methylcellulose ; HPMC ; Methocel® E4M

Test	Specification	
	Min	Max
APPEARANCE		
VISCOSITY	3,000	5,600 mPa.s
METHOXY GROUPS	28.0	30.0%
HYDROXYPROPOXY GROUPS	7.0	12.0%
pH	5.0	8.0
LOSS ON DRYING		5.0 %
RESIDUE ON IGNITION		1.5 %
ELEMENTAL IMPURITIES	AS REPORTED	
IDENTIFICATION (A)	THE POWDERED MATERIAL AGGREGATES ON THE SURFACE.	
IDENTIFICATION (B)	CLEAR OR SLIGHTLY TURBID	
IDENTIFICATION (C)	RED COLOR DEVELOPS, TURNS TO PURPLE	
IDENTIFICATION (D)	A COHERENT, CLEAR FILM FORMS ON THE GLASS SLIDE	
IDENTIFICATION (E)	50°C	
CERTIFIED HALAL		
CERTIFIED KOSHER		
RETEST DATE		
DATE OF MANUFACTURE		
RESIDUAL SOLVENTS		AS REPORTED

***Spectrum Chemical Mfg Corp***

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