

Certificate of Analysis

HYDROXYPROPYL METHYL CELLULOSE E15

BATCH NUMBER: 201510006 TEST DATE: 2015-10-15
QUANTITY(KG): 1000 MANUFACTURING DATE: 2015-10-12
PACKING: 25KG/Drum EXPIRY DATE: 2017-10-11

ITEM	SPECIFICATION	RESULT
Appearance	White to light cream, Free-flowing powder	Conforms
Identification	Conform	Conforms
PH	PH 4.0~8.0	PH 5.8
Viscosity (Brookfield, 2%, 20℃)	10~20 mPa.s	16.2 mPa.s
Water Insoluble	Not More Than 0.5%	0.41%
Loss on Drying	Not More Than 5.0%	3.95%
Residue on Ignition	Not More Than 1.5%	1.15%
Heavy Metal	Not More Than 0.002%	<0.002%
Arsenic	Not More Than 0.0002%	<0.0002%
Methoxy	28.0~30.0%	28.81%
Hydroxypropoxy	7.0~12.0%	7.29%
Bioburden		
Total Microbe Count	Not More Than 1000 CFU/g	350 CFU/g
Total Mold and Yeast	Not More Than 100 CFU/g	30 CFU/g
Escherichia Coli	Nil	Nil

**Meet all requirements of USP32 for the Hydroxypropyl Methyl cellulose 2910

Auditing: 毕娟娟

For and on behalf of
SIDLEY CHEMICAL CO., LTD Analyse: 王兰芳、吕坤


Authorized Signature(s)