

## Certificate of Analysis

### *HYDROXYPROPYL METHYL CELLULOSE E5*

BATCH NUMBER: 150512 TEST DATE: 2015-05-18  
QUANTITY(KG): 2000 MANUFACTURING DATE: 2015-05-12  
PACKING: 25KG/Drum EXPIRY DATE: 2017-05-11

ITEM	USP32	RESULT
Appearance	White to light cream, Free-flowing powder	Conforms
Identification A To E	Complies	Conforms
PH	PH 5.5~8.0	PH 6.8
Viscosity ( Brookfield, 2%, 20℃ )	4.0~6.0 cps	5.1 cps
Water Insoluble	Not More Than 0.5%	0.31%
Loss on Drying	Not More Than 5.0%	1.93%
Residue on Ignition	Not More Than 1.5%	0.8%
Residue solvents	Complies	Conforms
Heavy Metal	Not More Than 10PPM	<10PPM
Arsenic	Not More Than 2PPM	<2PPM
Methoxy	28.0~30.0%	28.81%
Hydroxypropoxy	7.0~12.0%	7.29%
<b>Bioburden</b>		
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

Anlyst:张瑞杰

Checker:姚红

QA Manager:刘传祥

For and on behalf of  
SIDLEY CHEMICAL CO., LTD



Authorized Signature(s)