



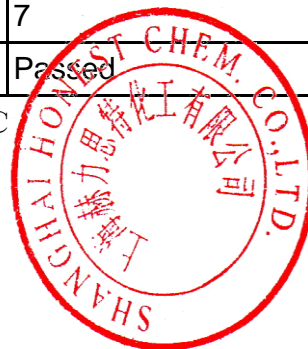
SHANGHAI HONEST CHEM CO.,LTD
ROOM 204, No.889 YISHAN ROAD, SHANGHAI, 200233, CHINA
Tel: (0086-21)54012006 / 54012007, Fax: (0086-21)54012008

Certificate of Analysis

Product name:	Hydroxy Ethyl Cellulose(HEC)
Grade: H4000	Batch No.: 2011-307
CAS No.: 9004-62-0	Quantity: 2525KG
Manufacturing Date: Nov.21,2011	Exp. Date: Nov.21,2014
Report date: Nov.23,2012	Shelf life: 3 years

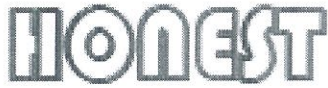
Items	Standard	Result
Appearance	White powder	White powder
Viscosity*, mpa.s	>3500	4080
Moiture, %	<5.0	1.99
Ash,%	<10.0	3
Transmittance,2%	>85.0	95.8
PH	6.0-8.5	7
Conclusion		Passed

*1% solution, on dry basis, Brookfield LVT, 64*30rpm, 25°C



Signature : Wang Qian 王倩

QA Manager: Liu Lin 刘凌



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Tel: (0086-21)54012006 / 54012007, Fax: (0086-21)54012008

Certificate of Analysis

Product name:	Hydroxypropyl Methyl Cellulose
Grade: E150 000	Batch No.: 20131126587
CAS No.: 9004-65-3	Quantity:500G
Manufacturing Date: Nov.26,2013	Exp. Date: Nov.25,2016
Report date:Nov.27,2013	Exe.Standard:Q/0983FYT002-2013

Items	Standard	Result
Appearance	White powder	White powder
Hydroxypropoxy Group, %	7.0-12.0	8.35
Methoxy Group,%	28.0-30.0	28.58
Gel temp. °C	58-64	58.5-60.0
Viscosity*, mpa.s	>14000	15000
Moisture, %	5.0 Max	4.22
Ash,%	5.0 Max	2.64
PH	5.0-8.0	7.7
Conclusion		Pass

*1% solution, on dry basis, NDJ-1, 20°C

Signature : Su Yuhong

Liu Wei

QA Manager:Ma Feifei





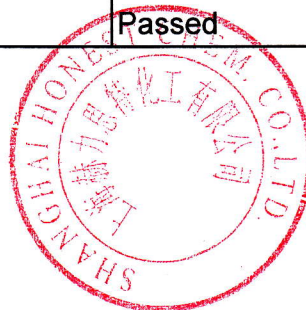
SHANGHAI HONEST CHEM CO.,LTD
ROOM 204, No.889 YISHAN ROAD, SHANGHAI, 200233, CHINA
Tel: (0086-21)54012006 / 54012007, Fax: (0086-21)54012008

Certificate of Analysis

Product name:	Hydroxy Ethyl Cellulose(HEC)
Grade: H2000	Batch No.: 20130125
CAS No.: 9004-62-0	Quantity: 2525KG
Manufacturing Date: Jan.25th,2013	Exp. Date: Jan.25th,2016
Report date: Jan.26th,2013	Shelf life: 3 years

Items	Standard	Result
Appearance	White powder	White powder
Viscosity*, mpa.s	1800-2200	2144
Ash, %	≤10	5.4
Moiture, %	≤5.0	3.3
PH	6.0-8.5	6.8
Conclusion		Passed

*1% solution, Brookfield LVT, 63*30rpm, 25°C



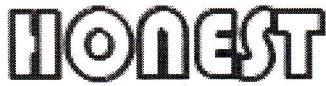
王倩

谢连兴

Signature : Wang Qian

QA Manager: Xie Lianxing

Date: Jan.26th,2013



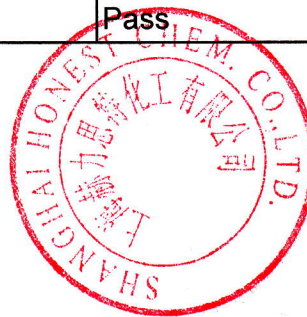
SHANGHAI HONEST CHEM CO.,LTD
ROOM 204, No.889 YISHAN ROAD, SHANGHAI, 200233, CHINA
Tel: (0086-21)54012006 / 54012007, Fax: (0086-21)54012008

Certificate of Analysis

Product name:	Hydroxypropyl Methyl Cellulose(HPMC)
Grade: K200 000	Batch No.: 201112012651
CAS No.: 9004-65-3	Quantity:500G
Manufacturing Date: Dec.01,2011	Exp. Date: Dec.01, 2014
Report date:Dec.01,2011	Shelf life: 3 years

Items	Standard	Result
Appearance	White powder	White powder
Hydroxypropoxy Group, %	7.0-12.0	8.23
Methoxy Group,%	28-30	28.51
Jelly temp. °C	58-64	58.5-60.0
Viscosity*, mpa.s	>11000	12700
Loss on drying, %	5.0 Max	2.59
Ash,%	5.0 Max	1.77
PH	5.0-8.0	7.02
Conclusion		Pass

*1% solution, on dry basis, NDJ-1, 20°C



Signature : Ma Hu

Liu Wei

QA Manager: Zhang Shuangjian