

SAMSUNG

SAMSUNG FINE CHEMICALS CO. LTD

SAMSUNG-RO 130(MAETAN DONG 560),

YEONGTONG-GU, SUWON-SI,

GYEONGGI-DO, KOREA 443-870

FEB. 03, 2015

QUALITY & QUANTITY CERTIFICATE

* PRODUCT NAME : CELLULOSE ETHER (MECELLOSE) PMC-50US
* ANALYSIS DATE : FEB. 03, 2015
* LOT NUMBER : 15019231
* CARGO : 9,600 KGS OF CELLULOSE ETHER (MECELLOSE)
* L/C NUMBER & DATE : 007337101500529 & 2015.01.28
* MANUFACTURER DATE : FEB. 01, 2015
* EXPIRY DATE : FEB. 01, 2017
* MANUFACTURER : SAMSUNG FINE CHEMICALS CO., LTD.
* ACTUAL ANALYSIS FIGURES

<u>TEST ITEM</u>	<u>UNIT</u>	<u>SPECIFICATION</u>	<u>RESULT</u>	<u>REMARKS</u>
VISCOSITY	cps	45000~55000	49,300	
ASH	%	2.0 (MAX)	0.95	
MOISTURE	%	8.0 (MAX)	2.70	
BULK DESITY	gr/cc	0.250-0.400	0.351	
METHOXYL	%	19.0-24.0	22.52	
HYDROXYPROPOXYL	%	4.0-12.0	8.41	

WE, SAMSUNG FINE CHEMICALS CO., LTD., HEREBY CERTIFY THAT THE ABOVE STATEMENT OF QUALITY TO BE TRUE AND CORRECT.

YOUR FAITHFULLY,

SAMSUNG FINE CHEMICALS CO., LTD.



In Hee Sung,

President & CEO