

CERTIFICATE OF ANALYSIS

22 NOV 2016

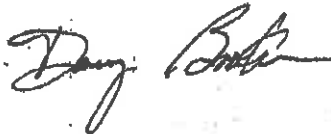
Ship To:
QINGDAO XUTAI CHEMICALS CO., LTD.
RM.1905, GUANGDONG DEVELOPMENT BANK
BUILDING, NO.40 SHANDONG ROAD
266071 QINGDAO
China

Sold To:
QINGDAO XUTAI CHEMICALS CO., LTD.
RM.1905, GUANGDONG DEVELOPMENT BANK
BUILDING, NO.40 SHANDONG ROAD
266071 QINGDAO
China

Material Description: Eastman(TM) Cellulose Acetate Butyrate (CAB-551-0.2), 20 KG (44, 0 LB), Bag
Customer Order : ESM161021 /
Outbound Delivery : 37186845000050
Shipper Sales Order : 2380220
Ship Date : 22 NOV 2016
Batch / Lot : BA-24236B
Vehicle No : NYKU0757987
Total # of Packages : 330.000
Net Weight, KG : 6,600.000

Characteristic	Value	Lower Limit	Upper Limit
Acetyl, W%	1.27	0.00	4.00
Butyryl, W%	51.79	49.00	
Free Acidity by IC, PPM	90	0	300
Moisture, W%	1.00	0.00	3.00
Hydroxyl, W%	2.03	1.40	2.40
ASTM-A Viscosity, s	0.166	0.160	0.250
Manufacturing Date	14.09.2016		

No set shelf life for cellulose esters has been established. Its useful life is dependent upon the storage conditions. See the Material Safety Data Sheet for storage and handling information. For documentation purposes, the expiration date may be considered as five years from the date of manufacture.



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