

KUMHO P&B CHEMICALS

CERTIFICATE OF ANALYSIS

CUSTOMER :
COMMODITY : BISPHENOL-A
CERTIFICATE No. : B14110622
QUANTITY :

TEST ITEM	LOT No.		214K0531	314K0511	314K0521	TEST METHOD
	QUANTITY(M/T)	SPEC.	60	120	120	
Water	wt. %	Max 0.1	0.03	0.05	0.05	ASTM D1364
Color	APHA	Max 5	5	5	5	ASTM 4789
Molten Color	APHA	Max 20	10	10	10	KPB-QC2-519
Phenol	mg/kg	Max 100	7	30	19	KPB-QC2-520
o.p-BPA	mg/kg	Max 1000	280	190	190	KPB-QC2-520
BPX	mg/kg	Max 400	30	30	20	KPB-QC2-520
BPA Purity	wt. %	Min 99.85	99.94	99.93	99.93	KPB-QC2-520
Ash	mg/kg	Max 5	0	0	0	ASTM D482
Iron	mg/kg	Max 0.1	0.03	0.03	0.03	ASTM E394
Freez. Point	°C	Min 156.5	156.7	156.7	156.7	ASTM D4493

I CERTIFY THAT THE ABOVE STATEMENTS ARE TRUE AND CORRECT.

DATE : Nov.06.2014

SIGNATURE :



H. J. Kim

Manager of Quality Management Team

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