

KUMHO P&B CHEMICALS

CERTIFICATE OF ANALYSIS

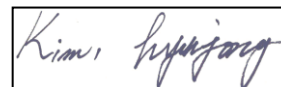
CUSTOMER :
COMMODITY : BISPHENOL-A
CERTIFICATE No. :
LOT NO. :
QUANTITY : M/T

TEST ITEM	UNIT	SPEC.	RESULTS	TEST METHOD
Water	wt. %	Max 0.1	0.03	ASTM D1364
Color	APHA	Max 5	5	ASTM 4789
Molten Color	APHA	Max 20	10	KPB-QC2-519
Phenol	mg/kg	Max 100	14	KPB-QC2-520
o.p-BPA	mg/kg	Max 1000	340	KPB-QC2-520
BPX	mg/kg	Max 400	40	KPB-QC2-520
BPA Purity	wt. %	Min 99.85	99.93	KPB-QC2-520
Ash	mg/kg	Max 5	0	ASTM D482
Iron	mg/kg	Max 0.1	0.03	ASTM E394
Freez. Point	℃	Min 156.5	156.7	ASTM D4493

I CERTIFY THAT THE ABOVE STATEMENTS ARE TRUE AND CORRECT.

DATE :

SIGNATURE :



H. J. Kim

Manager of Quality Management Team

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KPB Q2-09