

KUMHO P&B CHEMICALS

CERTIFICATE OF ANALYSIS

CUSTOMER :
COMMODITY : DIBK
CERTIFICATE No. : D15061113
LOT NO. : D16E05A1
QUANTITY : 13.2 M/T

TEST ITEM	UNIT	SPEC.	RESULTS	TEST METHOD
Appearance		CLEAR	CLEAR	Visual
Color	APHA	Max 30	10	ASTM D1209
Sp.Gr. at 20/20°C		0.804 ~ 0.812	0.810	ASTM D4052
Water	wt. %	Max 0.2	0.01	ASTM D1364
Distillation Test			—	
IBP	°C	Min 163	165.7	ASTM D1078
DP	°C	Max 176	171.4	ASTM D1078
DIBK Purity	wt. %	Min 95.0	97.87	ASTM D3329
DIBK-1	wt. %		67.43	
DIBK-2	wt. %		30.44	
Acidity	wt. %	Max 0.002	0.001	ASTM D1613

I CERTIFY THAT THE ABOVE STATEMENTS ARE TRUE AND CORRECT.

DATE : May.11.2016

SIGNATURE : 

H. J. Kim

Manager of Quality Management Team

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