

beyond  
the best

KUMHO P&B CHEMICALS

**ANALYSIS CERTIFICATE**

Issuing Date : 2018-07-12 Certificate No : 20180712-005  
Product : ACETONE(제품)  
End\_User : -  
Production Date : 2018-07-11  
LOT No. 180914

ANALYSIS ITEM	UNIT	SPEC	RESULTS	TEST METHOD
APPEARANCE	-	CLEAR	CLEAR	VISUAL
COLOR	PCo(APHA)	Max 5	LT5	ASTM D1209
Sp.Gr. (at 20°C)	-	0.7900 ~ 0.7930	0.7905	ASTM D891
WATER CONTENT	wt.%	Max 0.30	0.21	ASTM D1364
NON VOLATILE MATTER	g/100ml	Max 0.001	LT 0.0010	ASTM D1353
Permanganate Time	MIN	Min 120	180	ASTM D1363
Disti. Range(IBP)	°C		55.8	ASTM D1078
D.P	°C		56.5	ASTM D1078
PURITY	wt.%	Min 99.50	99.78	ASTM D329 & GC
NON VOLATILE MATTER(%)	%		LT 0.0010	ASTM D1353
ACIDITY(as ACETIC ACID)	wt.%	Max 0.0020	0.0014	ASTM D1613
Water Miscibility	-	PASS	PASS	ASTM D1722
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WE CERTIFY THAT THE ABOVE STATEMENTS ARE TRUE AND CORRECT.

DATE : 2018-07-12

SIGNATURE :



Manager of Quality Management Team

HEAD OFFICE: East Wing A/B, Signature Towers, Seoul, 100 Chunggyecheon-ro, Jung-gu, Seoul, Korea  
TEL: 82-02-4661-3470, 3481-3482 FAX: 82-2-4661-3492

PLANT(1) : 319, Hwacheong, Yeosu-City, Chollanam-Do TEL: 82-61-688-3670 FAX: 82-61-688-3596

PLANT(2) : 444-14, Wolha-Dong, Yeosu-City, Chollanam-Do TEL: 82-61-688-3670 FAX: 82-61-688-3793