

**ANALYSIS CERTIFICATE**

Issuing Date : 2022-05-11 Certificate No : 20220511-012  
Product : ACETONE(제품) Order No :  
Distributor : Net Weight : 12 (M/T)  
End\_User : L/C No :  
Production Date : 2022-05-10

LOT No. 22TAE112  
TANK FB-1034  
QUANTITY(M/T) 12 (M/T)

ANALYSIS ITEM	UNIT	SPEC	RESULTS	TEST METHOD
APPEARANCE	-	CLEAR	CLEAR	VISUAL
COLOR	Pt/Co(APHA)	Max 5	LT5	ASTM D1209
Sp.Gr. (at 20°C)	-	0.7900 ~ 0.7930	0.7919	ASTM D891
WATER CONTENT	wt.%	Max 0.30	0.19	ASTM D1364
NON VOLATILE MATTER	g/100ml	Max 0.001	LT 0.0010	ASTM D1353
Permanganate Time	MIN	Min 120	180.0	ASTM D1363
Disti.Range(IBP)	°C		55.8	ASTM D1078
D.P	°C		56.5	ASTM D1078
PURITY	wt.%	Min 99.50	99.79	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
----- BLANK -----				

WE CERTIFY THAT THE ABOVE STATEMENTS ARE TRUE AND CORRECT.

DATE : 2022-05-11

SIGNATURE :

*jw Park*  
Manager of Quality Management Team

HEAD OFFICE :East Wing 8F, Signature Towers Seoul, 100 Cheonggyecheon-ro,Jung-gu,Seoul,Korea.

TEL : 82-02-6961-3470, 3481-3482 FAX: 82-2-6961-3492

PLANT(1) : #319, Hwachi-Dong, Yeosu-City, Chollanam-Do, TEL : 82-61-688-3670, FAX : 82-61-688-3599

PLANT(2) : #144-14, Wolha-Dong, Yeosu-City, Chollanam-Do, TEL : 82-61-688-3870, FAX : 82-61-688-3705