



KOREA ALCOHOL INDUSTRIAL CO., LTD.

## Certificate of Analysis

66 Sanggae-ro, Nam-gu, Ulsan, Korea / Tel:052-259-4882(QC) / Tel:031-881-8100(Sales Dept') / <http://www.ka.co.kr> /

Product Name		Ethyl Acetate		Lot No.	ETAC-220328-1306
Analyzed Date		2022.03.28		Packing	Tank Lorry
Customer	경인탱크	Quantity	25 MT	Car No.	울산80아5334
Test Item		Unit	Specification Range	Test Result	Test Method
Appearance			Clear and free from matter in suspension	Pass	K-TSD-P-06 6.1
Purity		wt %	Min. 99.8	99.91	K-TSD-P-06 6.4
Specific Gravity(20/4°C)			0.900 - 0.903	0.902	K-TSD-P-06 6.3
Distillation Test (at 1 atm.)	I.B.P	°C	Min. 76.5	76.6	K-TSD-P-06 6.5
	D.P	°C	Max. 78.0	77.4	
Acidity(as CH <sub>3</sub> COOH)		wt'ppm	Max. 30	8	K-TSD-P-06 6.6
Water		wt'ppm	Max. 300	65	K-TSD-P-06 6.7
Residue of Evaporation		wt'ppm	Max. 20	5	K-TSD-P-06 6.8
Color		APHA NO	Max. 10	4	K-TSD-P-06 6.9
Odor			Characteristic	Pass	K-TSD-P-06 6.2
Alcohol(Ethanol+Butanol)		wt'ppm	Max. 400	296	K-TSD-P-06 6.10
Crotonaldehyde		wt'ppm	Max. 20	0	K-TSD-P-06 6.10
Butanal		wt'ppm	N/A	0	K-TSD-P-06 6.10

I certify the above statement of quality to be true and correct.

Approved by Quality Manager .