



KOREA ALCOHOL INDUSTRIAL CO., LTD.

Certificate of Analysis

Product Name		에탄올 95%	차량 번호	
Analyzed Date		2018-05-25	Lot No.	DIE95%-180528-9011
Customer			Quantity	
Test Item	Unit	Specification Range	Test Result	Test Method
Purity	Vol %	Min. 95.0	95.4	
Color	APHA NO	Max. 15	3	
Odor		Characteristic	Pass	
Residue of Evaporation	mg/100ml	Max. 5.0	0.9	
Acidity (as CH ₃ COOH)	wt%	Max. 0.0025	0.0014	
Permanganate Time Test	Second	Min. 300	421	
Acetaldehyde	mg/100ml	Max. 1.5	0	
Methyl Alcohol	wt'ppm	Max. 100	0	
Fusel Oil	vol%	Max. 0.01	0	
Bitrex	w/v%	Min. 0.0005	0.000808	

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

Approved by Quality Manager  _____.