

# Certificate of Analysis



PRODUCT : ISU IPA  
 CUSTOMER :  
 DATE SAMPLED : 27. SEP. 2021

DATE : 2021. 09. 28  
 TANK No. :  
 LOT No. :

Test Items	Test Method	Specification	Test Result
Specific Gravity, 20/4 °C	ASTM D-4052	0.784-0.786	0.7850
Purity, wt %	G/C	Min. 99.8	99.95
Water Content, wt ppm	ASTM D-1364	Max. 500	202
Acidity as Acetic Acid, wt ppm	ASTM D-1613	Max. 5	2.7
Color, (Pt-Co Scale)	ASTM D-1209	Max. 5	3
Non Volatile Matter, wt ppm	ASTM D-1353	Max. 5	1
Water Miscibility	ASTM D-1722	Clear & Miscible	Pass
Distillation Range, °C	ASTM D-1078	Min. 81 Max. 83	IBP
			82.0
DP			82.3

## ISU CHEMICAL

Main Office : 84 Sapyeong-daero Seocho-Gu Seoul 06575 Korea  
 t +82.2.590.6600 f +82.2.590.6666  
 Ulsan Plant : 108-224 Sapyeong-Ro Nam-Gu Ulsan 44785 Korea  
 t +82.52.278.2700 f +82.52.278.2888  
 Onsan Plant : 8 Seokdang-Kil Onsan-Eup Ulju-Gun Ulsan 44998 Korea  
 t +82.52.231.5600 f +82.52.231.5666

I CERTIFY THE ABOVE TEST RESULTS  
 ARE TRUE AND CORRECT.

CHIEF CHEMIST

박정빈

