

# Certificate Of Analysis

TEL : 031-680-0567  
 FAX : 031-680-0505  
 Address : 286, Pyeongtaekhang-Ro, Poseung-Eup, Pyeongtaek-Si, Gyeonggi-Do, South Korea  
 SIZE : 10,920L  
 Product Name : HDO A-202 3L Issue Date : 2021-11-25  
 Lot No. : 20211125 Inspector : KIM JONG HYEONG

Test Items	Test Method	Specification	Result
Appearance	Visual	RED	RED
Freezing Point(°C) 50v/v%	ASTM D 1177	- 34.0 max	-36.5
Boiling Point(°C)	ASTM D 1120	155 min	169
RA(ml) Original liquid	ASTM D 1121	REPORT	9.9
pH 30v/v%	ASTM D 1267	7.0 ~ 11.0	7.80
Foaming Property(ml) 30v/v%	ASTN D 1181	4.0 max	0
Water content (wt%) Original liquid	ASTM D 1123	5.0 max	3.43
Specific gravity (20/20°C)	ASTM D 1122	1.114 min	1.133

I hereby certify that the above test results are correct and true in all aspects.

Signed by :  oo