

## Certificate of Analysis

Sampling Assistant	Xiaochuan Gao	Analyzed by	Wawa Liao
Storage Tank	V303	Checked by	Xiaoming Kan
Test Date	23-Oct-21	Reviewer	Guorui Zhu
Parameters	Controlling Index	Analysis Results	
Appearance	Colorless and transparent, no mechanical impurities	Colorless and transparent, no mechanical impurities	
Light Component % wt	≤0.5	0	
n-Pentane % wt	≥95	98.9707	
Isopentane % wt	≤5	0.9481	
Heavy Component % wt	≤0.5	0.08	
Sulfur ppm	≤1	0.73	
Bromine Index MGBR / 100g	≤10	0.08	
Unsaturated Material ppm	≤20	0	
Water ppm	≤50	20	
Quality Judgement	Up to Standard 东营市良信 石油技术开发有限公司		