俊源石油集团
JunYuan Petroleum Group

Dongying Liangxin Petrochemical Technology Development Limited Company

Certificate of Analysis – Isopentane, 99%

Sampler	Zhang Hu	Analyst	Miao Wawa
Sample Source	V208A	Reviewer	Xu Yingying
Sampling Date	2026.11.11	Approver	Dou Huanjie

Test Item	Unit	Specification	Result	Test Method
Appearance		Clear, colorless	Clear, colorless	Visual
Saybolt Color		≥+30	+30	ASTM D156
n-Pentane Content	wt%	Report actual value	0.11	ASTM D156
Isopentane	wt%	≥99	99.86	GC
Hexane & Heavier Components	wt%	≤0.5	Not detected	GC
Butane & Lighter Components	wt%	≤0.5	0.04	GC
Benzene	ppm wt	≤10	Not detected	GC
Total Olefins	mg/kg	≤20	Not detected	GC
Total Sulfur	ppm wt	≤1	0.10	ASTM D5453
Bromine Index	mgBr/100g	≤10	<1	ASTM D2710
Water	ppm wt	≤20	12	Karl Fischer
Non-volatile Matter	mg/100mL	≤0.5	0.01	ASTM D1353
Relative Density (60°F/60°F)		0.61–0.65	0.620	ASTM D4052
Carbon Dioxide	ppm wt	≤10	6.23	GB/T 3394

Quality Verdict	QUALIFIED

Note: ppm wt means parts per million by weight (mg/kg). This basis applies to benzene, total sulfur, water and carbon dioxide.