



## LIAONING YUFENG CHEMICAL CO.,LTD.

## Certification of Analysis

Product: Normal pentane 99%		Batch No.:YF20220930-NP5	
Production time: Sep. 30 <sup>th</sup> 2022		Expiry Date:Sep. 29 <sup>th</sup> 2024	
Inspection time: Oct. 7 <sup>th</sup> 2022		Cas: 109-66-0	
Index	Standards	Results	Testing Method
Density (15°C)(g/ cm <sup>3</sup> )	0.626-0.636	0.628	ASTM D4052
Appearance	Colorless liquid	Colorless liquid	Visual
Aromatics ppm	≤100	0	GC
Bromine index (mgBr/100g)	≤50	0	UOP304
Sulfur (ppm)	≤1	0	ASTM D5453
Nitrogen(ppm)	≤1	<1	ASTM D4629
Chloride(ppm)	≤1	<1	ASTM D4929
Floride(ppm)	≤1	<1	ASTM D7359
N-pentane (wt%)	≥99	99.0611	GC
Iso-pentane (wt%)	--	0.1166	GC
C4 and lighter (wt%)	--	0.2477	GC
C6 and heavier (wt%)	--	0.5746	GC
Moisture ppm	≤100	37	ASTM D6304
Suspended matter	Free	Free	Visual

