



## Certification of Analysis

<b>Product: Iso-octane 99%</b>		<b>Batch No.:YF20220801-8</b>	
<b>Production time:Aug.1th 2022</b>		<b>Expiry Date:Jul. 30th 2024</b>	
<b>Inspection time: Aug. 5th 2022</b>		<b>Cas: 540-84-1</b>	
<b>Item</b>	<b>Standards</b>	<b>Results</b>	<b>Testing Method</b>
Density(15°C) (g/cm <sup>3</sup> )	0.690---0.699	0.69	ASTM D4052
Appearance	Clear&Colorless	Clear&Colorless	Visual
Water, ppm	≤100	56	ASTM D6304
Bromine Index,mg Br/100g	≤50	3	ASTM D2710
Saybolt color	+30	30	ASTM D156
Aromatics, mg/kg	≤100	14	GC
Sulfur, ppm	≤5	0.75	ASTM D5453
Isooctane,% (m/m)	≥99	99.43	GC
Other octane,% (m/m)	Balance	Balance	GC
Heptane and lighter,% (m/m)	≤1	<0.1	GC
Nonane and heavier,% (m/m)	≤1	≤0.6	GC
Distillation IBP , °C	≥91	99	ASTM D 1078
Distillation FBP , °C	≤116	100	
<b>Conclusion: Qualified</b>			
 LIAONING YUFENG CHEMICAL CO., LTD			