


## LIAONING YUFENG CHEMICAL CO.,LTD.

### Certification of Analysis

Product: N-hexane 99%		Lot No.: YF20220813	
Manufacturing Date: Aug. 13, 2022		Expity Date: Aug. 12, 2024	
Test Date: 2022-8-24		Test No.: 20220824-01	
Item	Standards	Results	Testing Method
Density(20°C) (g/cm <sup>3</sup> )	0.660--0.680	0.660	ASTM D4052
Appearance	Clear&Colorless	Clear&Colorless	ASTM D4176
Water, ppm	≤100	34	ASTM D6304
Bromine Index, mg/100g	≤50	0	ASTM D2710
Saybolt color	+28	30	ASTM D156
Nonvolatile Matter, mg/100ml	≤1	0.35	ASTM D1353
Benzene, ppm	≤10	0	G.C
Sulfur, ppm	≤1	0	ASTM D3120
N-hexane, % (m/m)	≥99	99.52	G.C
2-methyl-pentane, %	≤0.5	0.03	G.C
3-methyl-pentane, %	≤0.5	0.3	G.C
Methyl-c-pentane, %	≤0.5	0.13	G.C
Cyclohexane, %	≤0.3	0.007	G.C
Distillation IBP, °C	≥65	67.6	ASTM D1078
Distillation DP, °C	≤70	68.3	
			

Liaoning Yufeng Chemical Co., Ltd.

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