


LIAONING YUFENG CHEMICAL CO.,LTD.

Certification of Analysis

Product: N-heptane 99%		Tank No.: 17#	
Manufacturing Date:2023-1-28		Retest Date:2025-1-27	
Date of Issue: Feb. 3,2023		Lot No.: YF20230128	
Item	Standards	Results	Testing Method
Density(15°C) (g/cm ³)	0.685-0.693	0.687	ASTM D4052
Appearance	Clear&Colorless	Clear&Colorless	ASTM D4176
Water, ppm	≤50	6	ASTM D6304
Saybolt color	+30	30	ASTM D156
Copper Corrosion 100°C,2hr	≤1	1-a	ASTM D130
Nonvolatile Matter,mg/100ml	≤1	0.34	ASTM D1353
Ref.Index @ 20°C	1.3870-1.3890	1.3877	DIN51423-2
Aromatics , ppm	≤50	0	G.C
Benzene, ppm	≤50	0	G.C
Sulfur, ppm	≤1	0	ASTM D3120
Purity,% (m/m)	≥99	99.36	G.C
3-Methylhexane,%	≤0.50	0.35	G.C
2-Methylhexane,%	≤0.20	0.08	G.C
Methylcyclohexane,%	≤0.20	0.07	G.C
Largest Other Single,%	≤0.10	0.0025	G.C
Distillation IBP , °C	≥96	97.6	ASTM D86
Distillation DP, °C	≤105	97.9	
5-95% °C	15-104	97.9	
			

Quantity: 21920kgs

Liaoning Yufeng Chemical Co., Ltd.

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