

Certificate of Analysis

n-Hexane,99%

Lab Assistant	Xiaochuan Gao	Analyst	Xiaoming Kan
Storage Tank	V309	Reviewer	Wawa Liao
Sampling Date	01/10/2020	Approved by	Guorui Zhu

Lot No: LX2021010556

Item	Unit	Specification	Test Result	Test Method
Appearance	-	Colorless	Colorless	Visual
Color Say bolt	-	+30	30	ASTMD156
Sp. Gr(60F/60F)	g/cm ³	0.66-0.68	0.662	ASTMD4052
n-Hexane	Wt%	≥99	99.5149	GC
Benzene	ppm	≤10	3	GC
Initial Distillation Point IBP	℃	≥66	67	ASTMD86
Dry Distillation Point EP	℃	≤69	68	ASTMD86
Sulfur	ppm	≤1.5	0.72	ASTMD5453
Bromine Index	mgBr/100g	≤5	0.18	ASTMD2710
Nonvolatile Substances	mg/100ml	≤1	0.001	ASTMD1353
Water Content	ppm	≤50	38	Karl-fisher
Total C ₆ Hydrocarbons C ₆	%	≥99.6	99.8462	SH/T 0714
Sum of C ₇₊ Hydrocarbons	%	≤0.05	0.01	SH/T 0714
Sum of C ₅₋ Hydrocarbons	%	≤0.05	0.02	SH/T 0714
Total Aromatics Amount	ppm	≤10	3	SH/T 0714
Carbonyl Groups	ppm	≤10	0.35	SH/T 0663
Peroxides	ppm	≤1	Not Found	GB/T 32102

Judgment of Product Quality

The quality of this product is up to standard.

