

Certificate of Analysis

n-Hexane,80%

DOT Classification	Hexane Flammable Liquid			
CAS No.	110-54-3			
UN No.	1208			
Item	Unit	Specification	Test Result	Test Method
Appearance	-	Colorless	Colorless	Viaual
Color saybolt	-	+28min	+30	ASTMD156
Sp. Gr(60F/60F)	-	0.66-0.68	0.662	ASTMD4052
n-Hexane	Wt%	80 min	80.3	GC
Benzene	ppm	30max	<3	GC
Intial Distillation Point IBP	°C	65min	65.5	ASTMD86
Dry Distillation Point EP	°C	70 max	69.5	ASTMD86
Sulfur	ppm	1 max	<1	ASTMD5453
Bromine Index	mgBr/100g	30 max	<5	ASTMD2710
Nonvolatile Matter	mg/100ml	1max	None detected	ASTMD1353
Water Content	ppm	100 max	50	Karl-fisher
Total C ₆ Hydrocarbons C6	%	96%	93%	SH/T 0714
Sum of C ₇ + Hydrocarbons	%	8%	7%	SH/T 0714
Sum of C ₅ - Hydrocarbons			0	SH/T 0714
Total Aromatics Amount	ppm	≤33 ppm	≤30 ppm	SH/T 0714
Carbonyl Groups	ppm	≤11 ppm	≤10 ppm	SH/T 0663
Peroxides		0	0	GB/T 32102
Non-volatiles Residue	mg/100ml	2mg/100ml	≤1mg/100ml	GB/T 6324.2
Other Information:				
Threshold Limit Value 500PPM:OSHA Standard				