

Heptane Fraction, HPLC

CH ₃ (CH ₂) ₅ CH ₃	FW. 100.21	Density 1 L = 0.680-0.690 Kg.
CAS-No.	142-82-5	Melting Point - 90.5 °C
Code	LC1082	Boiling Point 97-98 °C

Specifications

Assay (by GC.)	85.0%	min.
Appearance	Clear and colorless liquid	
Identity (IR)	Passes test	
Color (APHA)	10	max.
Water (by Coulometry)	0.01%	max.
Acidity (mEq./g.)	0.0005	max.
Alkalinity (mEq./g.)	0.0002	max.
Residue on Evaporation	0.0003%	max.
Substances darkened by sulfuric acid	Passes test	
UV Transmission Levels (%T)		
250 nm	99%	min.
240 nm	98%	min.
230 nm	95%	min.
220 nm	80%	min.
210 nm	60%	min.
Fluorescence (as quinine)		
at 254 nm	1	ppb max.
at 365 nm	1	ppb max.

Product passed through 0.2 micron final filter.