

## n-Heptane 99%, RCI Premium

CH <sub>3</sub> (CH <sub>2</sub> ) <sub>5</sub> CH <sub>3</sub>	FW. 100.21	Density 1 L = 0.680 Kg.
CAS-No.	142-82-5	Melting Point - 90.5 °C
Code	<a href="#">RP1080</a>	Boiling Point 97-98 °C

### Specifications

(Meet USP/NF)

Assay (by GC.)	99.0%	min.
Identity (IR)	Passes test	
Appearance	Clear	
Color (APHA)	10	max.
Water (by Coulometry)	0.01%	max.
Acidity (mEq./g.)	0.0005	max.
Residue on Evaporation	0.001%	max.
Aromatic hydrocarbons (as C <sub>6</sub> H <sub>6</sub> )	0.1%	max.
Readily carbonizable substance	Passes test	
Sulfur Compounds (S)	0.001%	max.
Aluminium (Al)	0.2	ppm max.
Barium (Ba)	0.05	ppm max.
Boron (B)	0.01	ppm max.
Cadmium (Cd)	0.02	ppm max.
Calcium (Ca)	0.2	ppm max.
Chromium (Cr)	0.01	ppm max.
Cobalt (Co)	0.01	ppm max.
Copper (Cu)	0.01	ppm max.
Iron (Fe)	0.05	ppm max.
Lead (Pb)	0.05	ppm max.
Magnesium (Mg)	0.05	ppm max.
Manganese (Mn)	0.01	ppm max.
Nickel (Ni)	0.01	ppm max.
Tin (Sn)	0.05	ppm max.
Zinc (Zn)	0.05	ppm max.

TN\_28-07-2012

S-QC03-RP-S-0128 / RV.00 / Eff.date 01-11-12