

**HEXANE
(95% n-HEXANE)****Product Numbers: AH216****Packaged in 4L Glass Bottles****Specifications:**

Water: Less than 0.01% by Karl Fischer titration

Ultraviolet absorbance:

Wavelength, nm	Maximum Absorbance
195	1.000
225	0.050
250	0.010
275	0.005
300	0.005
400	0.005

Residue: Less than three mg/L

Purity: Greater than 95% n-hexane and 99.9% n-hexane and saturated C₆ hydrocarbons by GC analysis.

Color (APHA): Less than 10

Water-soluble titrable acid: Less than 0.3 µeq/g

Sulfur compounds: Less than 0.005% as S

Thiophene: Passes ACS test

Physical Properties:

Molecular weight: Not applicable

Boiling point: 62- 69°C(145-157°F)

Vapor pressure: 5.6 psi @ 38 ° C(100°F)

Freezing point: Not applicable

Density: 0.6594 g/mL (5.503 lb/gal) at 20°C

Dielectric constant: 1.88 at 25°C

Dipole moment: 0.08 D at 25°C

Solvent group: 0

Polarity index (P'): 0.1

Eluotropic value on alumina: 0.01

Viscosity: 0.313 cP at 20°C

Surface tension: 17.91 dyn/cm at 25°C

Solubility in water: Negligible

Solubility of water in hexane: 0.01% at 20°C

Regulatory and Safety Data:

DOT Hazard Class: 3, Pkg Grp II, UN1208, Flammable Liquid

Store in an area designed for flammable storage, or in an approved metal cabinet, away from direct sunlight, heat, and sources of ignition.

EPA applicable waste code(s): D001

Flash point: -15°F (-26°C) by closed cup

Lower explosive limit: 1.2%

Upper explosive limit: 7.7%

Time Weighted Average: 50 ppm ACGIH

Refer to Material Safety Data Sheet for additional regulatory, health and safety information.**Suggested Applications:**

For HPLC, spectrophotometry and applications requiring ACS Reagent Grade solvents.