



Alpha Chemika



ISO 9001 QUALITY SYSTEM CERTIFIED ORGANIZATION

Mohoid Heights, Unit No.5, 4th Floor, Lokhandwala RTO Rd, Off 4 Bungalows, Opp. Versova Tel Exchange, Andheri(W), Mumbai-400053
Tel.: 91-22-65218147 / 40165752 / 26362214 / 40165753 Fax: 91-22-26317055 Mobile: + 91 98 20 38 57 57

E-mail: tanmay12@airtelmail.in

Website: www.exporterlabchemicals.com

CERTIFICATE OF ANALYSIS

Name Of Item : n-HEPTANE
(for HPLC & spectroscopy)

Formula : C₇H₁₆

M.W. : 100.21

Batch No. : N0219

CAS NO. : 142-82-5

Cat. No. : AL2733

Date Of Mfg. :

Date of Analysis :

Type Of Test	Standard	Observed
Description	Clear colorless liquid	Clear colorless liquid
Assay	(Min.) 99.0%	99.87%
Non-volatile matter	<0.0001%	<0.0001%
Acidity (CH ₃ COOH)	<0.001%	<0.001%
Water	<0.01%	<0.01%
Refractive index	About 1.387	1.387
Maximum absorbance in 1.0 cm cell against water, at		
A) 200 nm	1.00	0.87
B) 210 nm	0.40	0.2
C) 220 nm	0.15	0.11
D) 230 nm	0.05	0.02
E) 250 nm	0.01	0.008
F) 270 nm	0.01	0.01

Results : The above product complies with LR grade

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