



# Alpha Chemika



ISO 9001 QUALITY SYSTEM CERTIFIED ORGANIZATION

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## CERTIFICATE OF ANALYSIS

Name Of Item : n-PENTANE AR

Formula :  $\text{CH}_3\cdot(\text{CH}_2)_3\cdot\text{CH}_3$

M.W. : 72.15

Batch No. : N0409

CAS NO. : 109-66-0

Cat. No. : AL2823

Date Of Mfg. :

Date of Analysis :

Type Of Test	Standard	Observed
Description	A clear colorless liquid	A clear colorless liquid
Assay	(Min.) 99.0%	99.74%
Wt/ml at 20°C	0.625-0.626g	0.6251g
Refractive index	1.357-1.358	1.357
Bromine number	<0.5%	0.4%
Water	<0.02%	0.01%
Acidity (as $\text{C}_4\text{H}_9\text{COOH}$ )	<0.001%	<0.001%
Non volatile matter	<0.002%	<0.002%
Sulphur compounds ( $\text{CS}_2$ )	<0.0003%	0.0002%
Copper (Cu)	<0.00002%	0.00001%
Iron (Fe)	<0.00005%	0.00003%
Lead (Pb)	<0.00002%	<0.00002%
Substances darkened by sulphuric acid	Passes test	Passes test

**Results :** The above product complies with AR grade

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