



**ChemPure\* Brand  
Chemicals**

August 11, 2020

...Pure Quality

## Certificate of Analysis

### n-PENTANE

CERTIFIED CHEMICALLY PURE GRADE

Cat. No: CP-C9880  
CAS No: 109-66-0  
Lot No: 20060752CP  
MDL No: MFCD00009498

Formula:  $\text{CH}_3(\text{CH}_2)_3\text{CH}_3$   
Formula WT: 72.15  
Density: 0.6262 g ml<sup>-1</sup> (at 20°C)  
STORAGE: RT

This is to certify that this lot was tested and found to comply with the specifications for the product. The following are the actual analytical results obtained.

#### SPECIFICATIONS

<u>Test Name</u>	<u>Limits</u>	<u>Actual</u>
Assay (by GC-FID) (as n-Pentane) (as C5 Hydrocarbons)	Min 98.0 % Min 99.0 %	99.57 % 99.99 %
Color	Max 10 APHA	< 5 APHA
Residue after evaporation	Max 0.002 %	0.0001 %
Sulfur compounds (as Sulfur)	Max 0.005 %	< 0.0001 %
Water (by KF coulometry)	Max 0.02 %	0.004 %

Manufactured Date: August 4, 2020  
Retest Date: July 27, 2025

Country of Origin: USA

Amanda Fenstamacher  
QA Clerk

The manufacturer certifies that this product was derived from synthetic raw materials and the manufacturing process excluded contamination with any animal products.

Important: It is certified that the above is a true copy of the actual lot analysis. To the best of our knowledge, the information contained herein is accurate and reliable as of the date of publication. However, nothing herein shall constitute any express or implied warranty of merchantability or fitness for a particular purpose. The minimum shelf life is based on current knowledge and holds only for proper storage conditions in the original containers. We herewith confirm that the delivery is effected according to the technical conditions agreed. Particular properties of the products or the suitability for a particular area of application is not assured. It is the customer's responsibility to inspect and test the products in order to satisfy itself as to the suitability for the customer's particular purpose. This information is not intended to be all inclusive as to the manner and conditions of use, handling, storage, disposal, and other factors that may involve other or additional legal, environmental, safety or performance considerations, and CHEMPURE BRAND CHEMICALS assumes no liability whatsoever for the use of or reliance upon this information. Our technical personnel will be happy to respond to questions. Safe handling and use of the product remains the responsibility of the customer. No suggestions for use are intended as, and nothing herein shall be construed as, recommendations to infringe any existing patents or to violate any Federal, State, Local or foreign laws.  
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