

# Certificate of Analysis

SIGMA-ALDRICH®

**Product Name** Hexadecane,  
anhydrous, ≥99%  
**Product Number** 296317  
**Product Brand** SIAL  
**CAS Number** [544-76-3](#)  
**Molecular Formula** CH<sub>3</sub>(CH<sub>2</sub>)<sub>14</sub>CH<sub>3</sub>  
**Molecular Weight** 226.44

## TEST

**APPEARANCE**

**REFRACTIVE INDEX AT**

**INFRARED SPECTRUM**

**GAS LIQUID**

**TITRATION**

**COLOR TEST**

**QUALITY CONTROL**

## SPECIFICATION

COLORLESS LIQUID

CONFORMS TO  
STRUCTURE.

99.0% (MINIMUM)

0.005% H<sub>2</sub>O (MAXIMUM)  
(100 ML UNIT SIZE  
ONLY)

## LOT 00742BC RESULTS

COLORLESS LIQUID

1.4340

CONFORMS TO  
STRUCTURE.

99.02 %

0.0008 % H<sub>2</sub>O

<10 APHA

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