

Certificate of Analysis

SIGMA-ALDRICH

Product Name Octane,
anhydrous, $\geq 99\%$
Product Number 296988
Product Brand SIAL
CAS Number [111-65-9](#)
Molecular Formula $\text{CH}_3(\text{CH}_2)_6\text{CH}_3$
Molecular Weight 114.23

TEST

APPEARANCE

REFRACTIVE INDEX AT

INFRARED SPECTRUM

GAS LIQUID

TITRATION

**RESIDUE ON
EVAPORATION**

QUALITY CONTROL

SPECIFICATION

COLORLESS LIQUID

1.398 +/- 0.002

99.0% (MINIMUM)

0.005% H₂O (MAXIMUM)
(100 ML UNIT SIZE
ONLY)

0.0003% (MAXIMUM)

LOT 06357EH RESULTS

COLORLESS LIQUID

1.397

CONFORMS TO
STRUCTURE.

99.2%

0.001% H₂O

<0.0001%

JUNE 2007



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