

Certificate of Analysis

SIGMA-ALDRICH

Product Name Decane,
ReagentPlus[®], ≥99%
Product Number D901
Product Brand SIGALD
CAS Number [124-18-5](#)
Molecular Formula CH₃(CH₂)₈CH₃
Molecular Weight 142.28

TEST

APPEARANCE
REFRACTIVE INDEX AT
20 DEG C

INFRARED SPECTRUM

GAS LIQUID
CHROMATOGRAPHY

PRODUCT CROSS

REFERENCE
INFORMATION

QUALITY CONTROL
ACCEPTANCE DATE

SPECIFICATION

COLORLESS LIQUID
1.411 +/- 0.002

CONFORMS TO
STRUCTURE.

99.0% (MINIMUM)

LOT 14807EC-015 RESULTS

COLORLESS LIQUID
1.4122

CONFORMS TO
STRUCTURE AND
STANDARD

99.43 %

REPLACES PRODUCT
NUMBER D4384

MAY; 2004



Barbara Rajzer, Supervisor
Quality Control
Milwaukee, Wisconsin USA