

# Certificate of Analysis

SIGMA-ALDRICH

**Product Name** Ethylbenzene,  
anhydrous, 99.8%  
**Product Number** 296848  
**Product Brand** SIAL  
**CAS Number** [100-41-4](#)  
**Molecular Formula** C<sub>6</sub>H<sub>5</sub>C<sub>2</sub>H<sub>5</sub>  
**Molecular Weight** 106.17  
**Storage Temp** room temp

## TEST

## SPECIFICATION

## LOT DA08336DA RESULTS

**APPEARANCE**

COLORLESS LIQUID

COLORLESS LIQUID

**INFRARED SPECTRUM**

CONFORMS TO  
STRUCTURE.

CONFORMS TO  
STRUCTURE AND  
STANDARD

**GAS LIQUID**

99.75% (MINIMUM)

99.85 %

**TITRATION**

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

0.0004 % H<sub>2</sub>O

**RESIDUE ON  
EVAPORATION**

0.0005% (MAXIMUM)

<0.00010 %

**QUALITY CONTROL**

APRIL; 2002



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