

# Certificate of Analysis

SIGMA-ALDRICH

**Product Name** Naphthalene,  
suitable for scintillation,  $\geq 99\%$   
**Product Number** 184500  
**Product Brand** ALDRICH  
**CAS Number** [91-20-3](#)  
**Molecular Formula** C<sub>10</sub>H<sub>8</sub>  
**Molecular Weight** 128.17

## TEST

**APPEARANCE**

**INFRARED SPECTRUM**

**GAS LIQUID**

**SOLUBILITY**

**PRODUCT CROSS**

**QUALITY CONTROL**

## SPECIFICATION

WHITE CRYSTALS OR  
FLAKES

99.0% (MINIMUM)

50MG/ML (5%)  
METHANOL; CLEAR,  
COLORLESS

## LOT 03516AH RESULTS

WHITE CRYSTALLINE  
FLAKES

CONFORMS TO  
STRUCTURE.

99.8%

5%, METHANOL; CLEAR  
COLORLESS SOLUTION

REPLACES PRODUCT  
NUMBER N2380

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