

## Certificate of Analysis

Product Name:  
Ethanol - standard for GC

**Product Number:** 02483  
**Batch Number:** BCCM6750  
Brand: SIAL  
CAS Number: 64-17-5  
Formula: C<sub>2</sub>H<sub>6</sub>O  
Formula Weight: 46,07 g/mol  
Quality Release Date: 10 JAN 2025  
Expiration Date: DEC 2027

CH<sub>3</sub>CH<sub>2</sub>OH

| Test                       | Specification | Result    |
|----------------------------|---------------|-----------|
| Appearance (Color)         | Colorless     | Colorless |
| Appearance (Form)          | Liquid        | Liquid    |
| Purity (GC)                | ≥ 99.9 %      | 100.0 %   |
| Refractive index at 20 ° C | 1.361 - 1.363 | 1.361     |
| Water (Coulometric)        | ≤ 0.20 %      | 0.03 %    |

Dr.Reinhold Schwenninger  
Quality Assurance  
Buchs,Switzerland CH

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

