

## Certificate of Analysis

**Product Name:** ETHYL 3-HYDROXYBUTYRATE  
analytical standard  
**Product Number:** 55821  
**Batch Number:** BCBH8646  
**Brand:** Fluka  
**CAS Number:** 5405-41-4  
**Formula:** C<sub>6</sub>H<sub>12</sub>O<sub>3</sub>  
**Formula Weight:** 132.16  
**Expiration Date:** MAR 2016  
**Quality Release Date:** 02 MAY 2012

TEST	SPECIFICATION	RESULT
APPEARANCE (COLOR)	COLORLESS	COLORLESS
APPEARANCE (FORM)	CLEAR LIQUID	CLEAR LIQUID
PURITY (GC AREA %)	≥ 98.0 %	99.4 %
REFRACTIVE INDEX N20/D	1.420 - 1.422	1.421
PROTON NMR SPECTRUM	CONFORMS TO STRUCTURE	CONFORMS TO STRUCTURE



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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. 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.