

## Certificate of Analysis

**Product Name:** BENZOTRIAZOLE  
-  
**Product Number:** 76457  
**Product Brand:** Fluka  
**Molecular Formula:** C<sub>6</sub>H<sub>5</sub>N<sub>3</sub>  
**Molecular Mass:** 119.12  
**CAS Number:** 95-14-7

TEST	SPECIFICATION	LOT BCBD9215 RESULTS
APPEARANCE (COLOR)	WHITE TO FAINTLY BEIGE	WHITE
APPEARANCE (FORM)	POWDER TO FINE FLAKES OR FIBRES	POWDER
PURITY (GC AREA %)	≥98.0 %	99.9 %
CARBON CONTENT	60.49 % (THEORY)	60.50 %
HYDROGEN CONTENT	4.23 % (THEORY)	3.84 %
NITROGEN CONTENT	35.27 % (THEORY)	35.46 %
INFRARED SPECTRUM	CONFORMS TO STRUCTURE	CONFORMS
EXPIRATION DATE	--	DEC/12
QC RELEASE DATE	04/FEB/11	



Edeltraud Schwärzler, Manager  
Quality Control  
Buchs, Switzerland

Sigma-Aldrich guarantees the 'Sales-Specification' values only, additional lot specific tests may be included for further information. The current 'Sales-Specifications' sheet is available on request. For further inquiries, please contact our Technical Service. Sigma-Aldrich warrants, that its products conform to the information contained in this and other Sigma-Aldrich publications. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice for additional terms and conditions of sale. The values given on the 'Certificate of Analysis' are the results determined at the time of analysis.