

## Certificate of Analysis

**Product Name:** PIPERONAL  
analytical standard  
**Product Number:** 03419  
**Batch Number:** BCBL3944V  
**Brand:** Fluka  
**CAS Number:** 120-57-0  
**Formula:** C<sub>8</sub>H<sub>6</sub>O<sub>3</sub>  
**Formula Weight:** 150.13  
**Expiration Date:** JUN 2016  
**Quality Release Date:** 17 OCT 2013

TEST	SPECIFICATION	RESULT
APPEARANCE (COLOR)	WHITE TO OFF WHITE	WHITE
APPEARANCE (FORM)	POWDER OR CRYSTALS	CRYSTALS
PURITY (GC AREA %)	≥ 98.5 %	99.7 %
WATER	≤ 1.0 %	0.10%
PROTON NMR SPECTRUM	CONFORMS TO STRUCTURE	CONFORMS



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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.