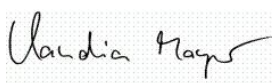


## Certificate of Analysis

**Product Name:** PYRROLE  
reagent grade, 98 %  
**Product Number:** 131709  
**Product Brand:** Aldrich  
**Molecular Formula:** C<sub>4</sub>H<sub>5</sub>N  
**Molecular Mass:** 67.09  
**CAS Number:** 109-97-7

TEST	SPECIFICATION	LOT STBB3287 RESULTS
APPEARANCE (COLOR)	COLORLESS TO AMBER *	YELLOW
APPEARANCE (FORM)	LIQUID	LIQUID
PURITY (GC AREA %)	≥ 97.5 %	> 99.9 %
INFRARED SPECTRUM	CONFORMS TO STRUCTURE	CONFORMS
REMARKS	* MATERIAL MAY DARKEN IN STORAGE TO BLUE-GREEN OR GREY WITH NO LOSS IN PURITY	

**QC RELEASE DATE** 22/FEB/10



Claudia Mayer, Manager  
Quality Control  
Steinheim, Germany

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.