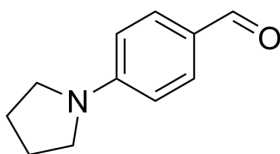


## Certificate of Analysis

**Product Name:** 4-(Pyrrolidin-1-yl)benzaldehyde  
**Cat. No.:** CS-W017443  
**CAS No.:** 51980-54-2  
**Batch No.:** 106383  
**Chemical Name:** Benzaldehyde, 4-(1-pyrrolidinyl)-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>11</sub>H<sub>13</sub>NO  
**Molecular Weight:** 175.23  
**Storage:** 2-8°C, stored under nitrogen  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** Yellow to orange (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**Purity (HPLC):** 99.89%  
**Conclusion:** The product has been tested and complies with the given specifications.

**Caution:** Product has not been fully validated for medical applications. For research use only.

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