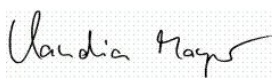


Certificate of Analysis

Product Name: 2-HYDROXY-4-METHOXYBENZALDEHYDE
98 %
Product Number: 160695
Product Brand: Aldrich
Molecular Formula: C₈H₈O₃
Molecular Mass: 152.15
CAS Number: 673-22-3

| TEST | SPECIFICATION | LOT STBB2555 RESULTS |
|---------------------|---|----------------------|
| APPEARANCE (COLOR) | WHITE TO YELLOW TO BEIGE OR COLORLESS TO YELLOW | FAINT YELLOW |
| APPEARANCE (FORM) | CRYSTALS, POWDER, CRYSTALLINE POWDER OR SOLID OR LIQUID WHEN MELTED | CRYSTALLINE POWDER |
| TITRATION | 97.5-102.5 % (WITH HYDROXYLAMINE) | 99.4 % |
| PURITY (GC AREA %) | ≥ 97.5 % | 99.6 % |
| INFRARED SPECTRUM | CONFORMS TO STRUCTURE | CONFORMS |
| PROTON NMR SPECTRUM | CONFORMS TO STRUCTURE | CONFORMS |
| QC RELEASE DATE | 26/JAN/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.