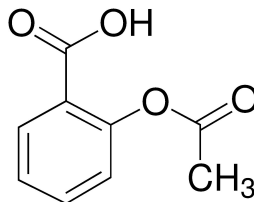


Certificate of Analysis

Product Name : Aspirin meets USP testing specifications
Product Number : A2093-100G
Batch Number : 0000058862
 Source Batch : MKCG5423
 CAS Number : 50-78-2
 Molecular Formula : C₉H₈O₄
 Formula Weight : 180.16
 Quality Release Date : 25 May 2018



| Test | Specification | Result |
|--|--------------------|----------------------------------|
| Identity | Pass | Pass |
| Loss on Drying | ≤ 0.5 % | < 0.1 % |
| Readily Carbonizable Sub | Pass | Pass |
| Residue on ignition (Ash) | ≤ 0.05 % | 0.05 % |
| Insoluble Matter | Pass | Pass |
| Substances insoluble in sodium carbonate | | |
| Chloride (Cl) | ≤ 0.014 % | < 0.011 % |
| Sulfate (SO ₄) | ≤ 0.04 % | < 0.02 % |
| Heavy Metals | ≤ 0.001 % | < 0.001 % |
| USP Limit Test | Pass | Pass |
| Limit of Free Salicylic Acid | | |
| Residual Solvents USP 467 | Meets Requirements | Class 3 Solvents Only, <=0.5% |
| Assay | 99.5 - 100.5 % | 99.9 % |
| Dry Basis | | |

Michael Grady, Manager

Quality Control

Milwaukee, WI

US

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. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale.

Version Number: 01 Doc 1024820

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