

3050 Spruce Street, Saint Louis, MO 63103, USA

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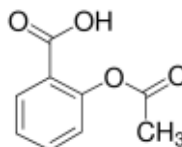
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:

Acetylsalicylic acid - analytical standard

Product Number: A3160
Batch Number: SLBQ6753V
Brand: SIGMA
CAS Number: 50-78-2
MDL Number: MFCD00002430
Formula: C₉H₈O₄
Formula Weight: 180.16 g/mol
Quality Release Date: 19 APR 2016



Test	Specification	Result
Identification A (USP) A violet-red color is produced	Pass	Pass
Infrared Spectrum	Compares to Reference Standard	Conforms
Loss on Drying	≤ 0.5 %	0.0 %
Readily Carbonizable Sub Readily Carbonizable Substances The solution has no more color than Matching Fluid Q	Pass	Pass
Residue on Ignition	≤ 0.05 %	0.04 %
Substances Insol. in Na ₂ CO ₃ TS Substances insoluble in sodium carbonate TS Clear solution	Pass	Pass
Chloride < or = 0.014%	Pass	Pass
Sulfate < or = 0.04%	Pass	Pass
Heavy Metals < or = 10ug/g	Pass	Pass
Limit of Free Salicylic Acid < or = 0.1%	Pass	Pass
Residual Solvents	Meets Requirements	Class 3 Solvents Only, < = 0.5%

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.

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Product Number: A3160
Batch Number: SLBQ6753V

Test	Specification	Result
Assay Dried basis	99.5 - 100.5 %	100.1 %
Note	-----	-----
This product meets USP specifications (current through USP: 38 supplement 2) and is traceable to USP Reference Standard lot: H		

Remarks:

Note: Supplemental spectral image(s) are available upon request.



Rodney Burbach, Manager
Analytical Services
St. Louis, Missouri US

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