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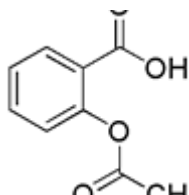
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number 01468

Product **Acetylsalicylic acid**

2-Acetoxybenzoic acid

O-Acetylsalicylic acid

CAS Number 50-78-2

Molecular Formula C₉H₈O₄

Molecular Weight 180.2

Appearance White to off-white crystalline powder

Appearance of Solution 1% solution in ethanol (95%) is clear and not more intensely colored than reference solution BS8
Color of product is not more than of reference solution BY54.

Clarity & Color Clarity of solution is clear in alkali

Solubility Freely soluble in ethanol (95%), soluble in chloroform and in ether, slightly soluble in water

Heavy Metals ≤ 10 ppm

Anion Chloride (Cl) : ≤ 430 ppm
Sulphate (SO₄) : ≤ 650 ppm

Cation Arsenic (As) : ≤ 2 ppm

Loss on Drying ≤ 0.5%

Residual Solvents Acetic acid content in Aspirin by HPLC : ≤ 5000 ppm

Particle Size ≤ 20% (Total Retention on) 100M (150 Microns)

Related Substances Impurities A, B, C, D, E, F : ≤ 0.15%
Other impurities : ≤ 0.05%
Total impurities : ≤ 0.25%

Sulfated Ash ≤ 0.1%

Purity by HPLC 99.5 - 100.5%

Storage Store at RT

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For Laboratory Use Only