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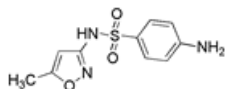
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number 00821

Product

Sulfamethoxazole

4-Amino-N-(5-methyl-3-isoxazolyl)benzenesulfonamide

N1-(5-Methylisoxazol-3-yl)sulfanilamide

CAS Number 723-46-6

Molecular Formula C₁₀H₁₁N₃O₃S

Molecular Weight 253.3

Appearance White or almost white crystalline powder

Melting Point 168 - 172 °C

Cation Selenium : ≤ 30 ppm

Infrared Spectrum Conforms to structure

Loss on Drying ≤ 0.5%

Related Substances Organic impurities : ≤ 0.2%

Residue On Ignition ≤ 0.1%

Assay 99 - 101% (On dried basis)

Grade Meets USP specification

Storage Store at 0 - 8 °C

Additional Information Identification B : Absorptivities, calculated on the dried basis, do not differ by more than 2.0%
Identification C : A red-orange precipitate is formed.

For Laboratory Use Only