

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications

Catalogue Number	29799
Product	Sulfadiazine 4-Amino- <i>N</i> -(2-pyrimidinyl)benzenesulfonamide <i>N</i> ¹ -(Pyrimidin-2-yl)sulfanilamide
CAS Number	68-35-9
Molecular Formula	C ₁₀ H ₁₀ N ₄ O ₂ S
Molecular Weight	250.28

Appearance	White to yellowish-white crystalline powder
Melting Point	255 °C (dec.)
Heavy Metals	≤ 20 ppm
Cation	Selenium (Se): ≤ 30 ppm
Acidity	≤ 0.2 mL (0.1 mol/L NaOH)
Infrared Spectrum	Conforms to reference
Loss on Drying	≤ 0.5%
Related Substances	Single impurity: ≤ 0.5%
Sulfated Ash	≤ 0.1%
Assay (anhydrous basis)	98.0-102.0%
Purity by TLC	Conforms to reference
Storage	Store at 2-8 °C
Additional Information	Color of solution: ≤ Y ₅ BY ₅ GY ₅

For Laboratory Use Only