

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

Certificate of Analysis

Catalogue Number	29799
Lot Number	002434-20150324
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	0.12%
Related Substances	Single impurity: < 0.5%
Sulfated Ash	0.07%
Assay (anhydrous basis)	99.40%
Purity by TLC	Conforms to reference
Storage	Store at 2-8 °C
Additional Information	Color of solution: Y ₅ The product conforms to USP34 standard.
Manufacturing Date	3/24/2015

Certificate of Analysis

Catalog Number: 29799

Lot Number: 002434-20150324

Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager