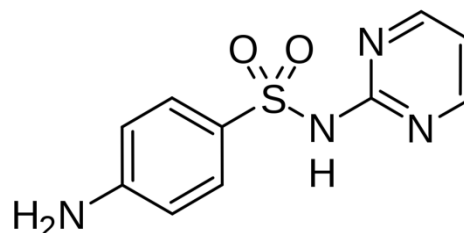


PRODUCT Sulfadiazine Ph. Eur.

CAS number [68-35-9]

OTHER NAMES Sulphadiazine



CHARACTERISTICS White, yellowish-white or pinkish-white, crystalline powder or crystals. Practically insoluble in water, slightly soluble in acetone, very slightly soluble in ethanol (96%). It dissolves in solutions of alkali hydroxides and in dilute mineral acids.

TEST	SPECIFICATION
Content (Assay)	99.0% to 101.0%
Identification	Conforms to Ph. Eur. tests
Appearance of solution	As per Ph. Eur. test: The solution is not more intensely coloured than reference solution Y5, BY5 or GY5
Acidity	As per Ph. Eur. test: Notmore than 0.2 mL of 0.1 M sodium hydroxide is required to change the colour of the indicator.
Loss on drying	Not more than 0.5%
Sulfated ash	Not more than 0.1%
Related substances	Impurities A, B Maximum 0.3% (each) Impurity E Maximum 0.2% Impurity F Maximum 0.15% Unspecified impurities Maximum 0.05% Total impurities Maximum 0.5%

ENQUIRY