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TNJ ®

Specialized in chemicals

Technical Date Sheet

Basic information

Chemical name	Sulfamerazine	Formula	C11H12N4O2S
Synonyms	SM1, Sulfamethyldiazine	Chemical structure	
CAS.No.	127-79-7		
EINECS No.	204-866-2		
Molecular weight	264.3		
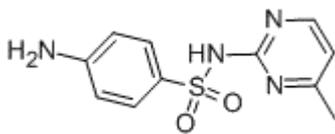
Physical properties

Appearance	White,yellowish-white or pinkish white,crystals or powder
Density,20℃, g/cm3	/
Boiling point,℃	/
Melting point,℃	234~238
Flash point,℃	/
Refractive index	/
Solubility	Slightly soluble in ethanol, very slightly soluble in water, almost insoluble in ether, soluble in alkaline solution of hydrochloric acid or dilute hydrochloric acid

Specification

Items	Specification	Results
Identification	A:The infrared absorption spectrum; B:The cupric sulfate reaction test	Meets A and B examine
Melting point,ºC	234~239	235.1~236.1
Description	White,yellowish-white or pinkish white,crystals or powder	Meets
Appearance of solution	Clear and not more deeply colored than reference solutionY4,BY4 or GY4	Clear,<BY4
Acidity,ml	≤0.5	<0.5
Related substances,%	Meets≤0.5	<0.5
Heavy metals,%	≤0.002	<0.002
Loss on drying,%	≤0.5	0.10
Residue on ignition,%	≤0.1	0.04
Selenium,%	≤0.003	<0.003
Assay,%	99.0~100.5(The dried substance)	99.9

Application

Sulfonamides Antimicrobial anti-inflammatory drugs for staphylococcus, streptococcus, pneumococcal and meningococcal infections;

Package

25kg/fiber drum,9mt/20'ft

Safety on transportation

It belongs to common goods, always refer to MSDS.

Storage and handling

Keep tightyl closed, store in a cool dry place.

Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

The information above is believed to be accurate and represents the best information currently available to us.However, In no event shall we be liable for any claims, losses, or damages of any third party resulting from its use.

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