



## High-Tech Ingredients Solutions

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It is a new company dedicated to the micronization of active ingredients for the pharmaceutical, veterinary, food, cosmetic and nutraceutical industries.

The capital is 100% private and has an extensive experience in micronization and other solid treatments of active pharmaceutical ingredients (APIs).

### R & D

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Our Technical Department studies the needs of our clients to develop and provide the most satisfactory solutions.

### Certifications

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EU-GMPs and EU-GDPs



### **Solid Treatments**

Micronization, grinding, compaction, granulation.

### **Granulometric Analysis**

- Mastersizer (dry and wet dispersion)
- Microscopy

### **Microbiological Control**

Periodical checks of the air as well as the surfaces of both rooms and micronization equipment are performed.

Micronisation process as well as the cleaning procedures and the analytical methods used for the determination of the particle size are validated according to ICH guidelines.

## SULFADIAZINA DE PLATA MICRONIZADA

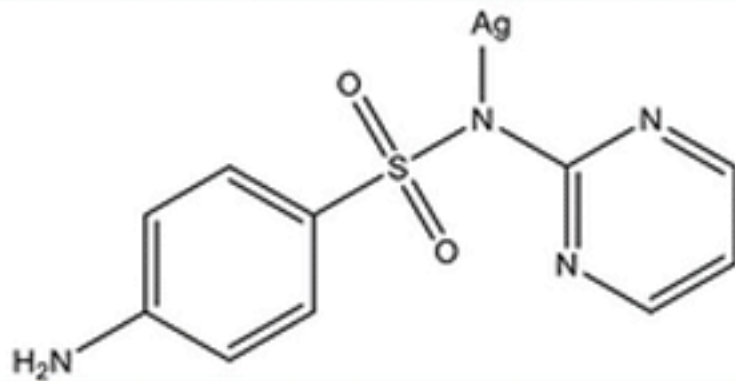
# Sulfadiazina de plata micronizada USP

Principio activo farmacéutico (API) fabricado en exclusiva para High-Tech Ingredients Solutions y micronizado en nuestras instalaciones.

Dicho principio activo se usa en forma de cremas o aerosoles para tratamientos de heridas producidas por quemaduras.

Se dispone de EDMF.

rec  
to:

SULFADIAZINA DE PLATA MICRONIZADA USP	
	
$C_{10}H_9N_4O_2SAg$	357.14
CAS #: 22199-08-2	
4-Amino-N-2-pirimidinilbencenesufonamida sal de plata; N <sup>1</sup> -2-pirimidinilsulfanilamida sal de plata.	
<b>Aspecto</b>	Polvo microcristalino blanco. Oscurece con la luz
<b>Identificaciones:</b>	
- A (IR)	Conforme con la referencia
- B (HPLC)	Conforme con la referencia
- C (Plata)	Positiva
<b>Impurezas orgánicas</b>	Ácido sulfanílico: máx. 0.3% 2-Aminopirimidina: máx. 0.3% Acetilsulfadiazina: máx. 0.2% Impureza no identificada especificada: máx. 0,15% Impureza individual no especificada: máx. 0.10% Impurezas totales: máx. 0.5%
<b>Nitratos</b>	Máx. 0.1%
<b>Pérdida por desecación</b>	Máx. 0.5%
<b>Contenido en plata</b>	29.3% a 30.5%
<b>Riqueza</b>	98.0% a 102.0%
ENSAYOS ADICIONALES	
<b>Sulfadiazina libre</b>	Máx. 0.5%
<b>Tamaño de partícula</b>	100% < 50 micras 99% < 25 micras 95% < 10 micras