

**LUSOCHIMICA S.p.A.**COPIA CONFORME ALL'ORIGINALE
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QUALITY CONTROL MANAGER*P. Bianchi* - 21/02/2010**CERTIFICATE OF ANALYSIS**

Certificate N.: 281/10

Issue N° 6

Product: **SILVER SULFADIAZINE MICRONIZED**Batch: **AGSM 810**

Conforms to: USP 32 - Lusochimica specifications Issue n° 6 of October 20, 2009

Code: 3750

Manufacturing date: July 2010

Retest date: July 2015

DESCRIPTION AND SOLUBILITY

White to creamy-white, crystalline powder, odourless to having a slight odour. Is stable in air, but turns yellow on exposure to light. Practically insoluble in alcohol, in chloroform, and in ether; freely soluble in 30% ammonium solution; decomposes in moderately strong mineral acids.

TESTS	RESULTS	SPECIFICATIONS
Description	corresponds	corresponding
Solubility	corresponds	corresponding
Identification		
- IR	corresponds	corresponding
- TLC	corresponds	corresponding
- Tests for silver	positive	positive
Loss on drying	less than 0.1%	not more than 0.5%
Nitrate	less than 0.1%	not more than 0.1%
Chromatographic purity (TLC)		
- each impurity	less than 1.0%	not more than 1.0%
- total	less than 1.0%	not more than 2.0%
Silver content	29.7%	29.3% to 30.5%
Assay	100.0%	98.0% to 102.0%
Particle size (internal laser method)	90% less than 6 micron	90% less than 10 micron

Residual solvents content complies to current USP <467> and ICH Q3C

NOTES: preserve in well-closed, light-resistant containers

APPROVED BY Q.C. MANAGER

P. Bianchi

Date: 27/07/2010

CHECKED BY Q.P.

Anna Fungari

Release date: 27/07/2010

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