



METIONINA-DL (EUR. PH.)

PRODUCT CODE: 4643325	CAS Nº: 59-51-8	ANALYSIS Nº: 299/24
MANUFACTURER BATCH: L-431356	CERTIFICATE ID: 44.225	
SUPPLIER BATCH: ----	MANUFACTURING DATE: 04/11/2024	
METAPH BATCH: 0241124	EXPIRY DATE: 03/11/2029	

ATTRIBUTES	SHOULD BE	IS
Appearance	Almost white, crystalline powder or small flakes	Almost white, small flakes
Melting point	About 270 °C	270.4 °C
Identification A	Complies	Complies
Identification C	Complies	Complies
Appearance of solution	Clear and colourless	Clear and colourless
pH	5.4 - 6.1	5.6
Related substances		
Any impurity	<= 0.2 %	< 0.2 %
Chlorides	<= 200 ppm	< 200 ppm
Sulfates	<= 200 ppm	< 200 ppm
Loss on drying	<= 0.5 %	0.03 %
Sulfated ash	<= 0.1 %	0.03 %
Assay	99.0 - 101.0 %	99.7 %

COMPLIES WITH

European Pharmacopoeia 11.0

REMARKS

DL-Methionine is subjected to the requirements of the ICH Q3D "Elemental Impurities" guideline and the requirements of guides EMA/CHMP/ICH/82260/2006 - ICH Q3C (R6) "Residual Solvents".

All data controlled by Metapharmaceutical Industrial SL.

The product is not of animal origin and no animal product is used in its production, so it is risk-free BSE/TSE.

The product is not derived from GMO. No genetically modified organism is used in its production and no GMO product comes in contact with the product during any stage of production.

STORAGE

Keep the container tightly closed, in a cool, dry place. Protected from air and light.

Analysis date: 28/01/2025

Signature: Albert Sanchez Lopez (QP)

Conclusion: Complies

Manufacturer: 40000738