

**TRIPTOFANO-L (EUR. PH.)**

PRODUCT CODE: 1850	CAS Nº: 73-22-3	ANALYSIS Nº: 281/25
MANUFACTURER BATCH: 20250611	CERTIFICATE ID: 48.107	
SUPPLIER BATCH: ----	MANUFACTURING DATE: 11/06/2025	
METAPH BATCH: 0120925	EXPIRY DATE: 10/06/2027	

ATTRIBUTES	SHOULD BE	IS
Appearance	White or almost white, crystalline or amorphous powder	White amorphous powder (*)
Identification A	Complies	Complies (*)
Identification B	Complies	Complies (*)
Appearance of solution	Clear and not more intensely coloured than ref. sol. BY6	Complies (*)
Specific optical rotation	-33.0 / -30.0	-30.8 (*)
Ninhydrin-positive substances		
Any ninhydrin-positive substance	=< 0.2 %	Complies
Total substances	=< 0.5 %	Complies
Impurity A and other related substances		
Impurity A	=< 10 ppm	Complies
Sum of impurities RT <	=< 100 ppm	Complies
Impurity A		
Sum of impurities RT >	=< 300 ppm	Complies
Impurity A		
Chlorides	=< 200 ppm	< 200 ppm
Sulfates	=< 300 ppm	< 300 ppm
Ammonium	=< 0.02 %	< 0.02 %
Iron	=< 20 ppm	< 20 ppm
Loss on drying	=< 0.5 %	0.03 % (*)
Sulfated ash	=< 0.1 %	0.08 % (*)
Assay	98.5 - 101.0 %	99.2 % (*)

COMPLIES WITH

European Pharmacopoeia 11.0

REMARKS

L-Tryptophan is subjected to the requirements of the ICH Q3D "Elemental Impurities" guideline and the requirements of guides EMA/CHMP/ICH/82260/2006.

(*) Data controlled by Metapharmaceutical Industrial SL.

Certificates of residual solvents, allergens, non-GMO and BSE-TSE, among others, are available upon request.

All methods of analysis are validated by official pharmacopoeias or are validated by internal methods of the manufacturer, which can be obtained at specific request. The above information does not exempt from the obligation to identify the product before use.

STORAGE

Store in a cool place. Keep the container tightly closed in a dry and well-ventilated place.

Analysis date: 19/09/2025

Signature: Albert Sánchez López (QP)

Conclusion: Complies

Manufacturer: 40001087