



ACETIL CISTEINA (EUR. PH.)			
PRODUCT CODE: 151358	CAS Nº: 616-91-	ANALYSIS Nº: 190/23	
MANUFACTURER BATCH:	C103-202207113	CERTIFICATE ID: 38.871	
SUPPLIER BATCH:	221014 836	MANUFACTURING DATE: 29/07/2022	
МЕТАРН ВАТСН:	0320623	RETEST DATE: 22/07/2025	

ATTRIBUTES SHOULD BE		IS
Appearance	White or almost white crystalline powder or colorless crystals	White crystalline powder (*)
Solubility	Freely soluble in water and in ethanol (96 %), practically insoluble in methylene chloride	Complies
Identification A	Complies	Complies (*)
Identification C	Complies	Complies (*)
Appearance of solution	Clear and colourless	Clear and colourless
pH	2.0 - 2.8	Complies
Specific optical rotation	+21.00 / +27.00	+ 23.7 (*)
Related substances		
Impurity C	=< 0.3 %	< 0.3 %
Impurity B	=< 0.2 %	< 0.2 %
Impurity D	=< 0.15 %	< 0.15 %
Unspecified impurities	=< 0.10 %	< 0.10 %
Total impurities	=< 0.5 %	< 0.5 %
Zinc	=< 10 ppm	< 1 ppm
Loss on drying	=< 1.0 %	0.2 %
Sulfated ash	=< 0.2 %	0.1 %
Assay	98.5 - 101.0 %	98.6 %
COMPLIES WITH		

European Pharmacopoeia 11.0

REMARKS

Product fully analyzed within the EU, in compliance with the current regulations "EudraLex - Volume 4 - Good Manufacturing Practice (GMP) guidelines" Part-II.

(*) Data controlled by Metapharmaceutical Industrial SL.

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

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 tightly closed and in a dry, cool and well-ventilated place.

Analysis date: 11/07/2023

Signature: Cristina Borrell Olea (QA/QP)

Conclusion: Complies

Original certificate available upon request

Manufacturer: 40000685 WUHAN GRAND HOYO Co., Ltd.

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