

FLUOROURACILO (EUR. PH.)

PRODUCT CODE: 000978	CAS Nº: 51-21-8	ANALYSIS Nº: 075/22
MANUFACTURER BATCH: FLU2021012	CERTIFICATE ID: 34.368	
SUPPLIER BATCH: 0109656	MANUFACTURING DATE: 19/01/2021	
METAPH BATCH: 0200322	EXPIRY DATE: 18/01/2026	

ATTRIBUTES	SHOULD BE	IS
Appearance	White or almost white, crystalline powder	White crystalline powder (*)
Solubility	Sparingly soluble in water, slightly soluble in ethanol (96 per cent)	Complies
Identification	Complies	Complies (*)
Appearance of solution	Clear and not more intensely coloured than reference solution Y7 or BY7	Complies
pH	4.5 - 5.0	4.9
Impurities F and G		
Impurity F	=< 0.25 %	< 0.25 %
Impurity G	=< 0.2 %	< 0.20 %
Related substances		
Impurity A	=< 0.1 %	Not Detected
Impurity B	=< 0.1 %	Not Detected
Impurity C	=< 0.1 %	Not Detected
Impurity D	=< 0.1 %	0.06 %
Impurity E	=< 0.1 %	Not Detected
Unspecified impurities	=< 0.10 %	Not Detected
Total impurities	=< 0.5 %	0.06 %
Loss on drying	=< 0.5 %	< 0.01 % (*)
Sulfated ash	=< 0.1 %	< 0.01 % (*)
Assay	98.5 - 101.0 %	100.3 % (*)
Microbiological control		
TAMC	=< 100 CFU/g	< 10 CFU/g
Residual solvents [In-house]		(**)
Dimethylformamide	=< 0.088 %	Not Detected

COMPLIES WITH

European Pharmacopoeia 10.0

REMARKS

Product fully analyzed inside the EU.

Fluorouracil is subjected to the requirements of the ICH Q3D "Elemental Impurities".

Absence of N-nitrosamines impurities has been ensured after a risk evaluation according to ICH Q9, ICH M7 and in accordance with guidelines EMA/428592/2019 Rev 2 and EMA/189634/2019.

(*) Data controlled by Metapharmaceutical Industrial SL.

(**) According to the requirements of guides EMA/CHMP/ICH/82260/2006.

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

Analysis date: 15/06/2022

Signature: Ferran Gonzalez de Rivera Rier

Conclusion: Complies

Original certificate available upon request

Manufacturer: 40000394

NANTONG JINGHUA PHARMACEUTICAL Co., Ltd.

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Tonghai Road

Yanhai Economic Development Zone, Rudong





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product before use.

STORAGE

Keep containers tightly closed, protected from light and moisture.

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