

**TETRACYCLINI HYDROCHLORIDUM 25 g**

Lot No.: 23L12-APR23335

Authorisation :	1890R05463	Date Of Analysis :	03/11/2023
Analytical Reference :	Ph. Eur. 10.7 [01/2017 :0210] Corr.10.0	Production Number :	141223-GS23113
CNK :	3592-219	Expiry Date :	04/2027

**ANALYTICAL TESTS**

CHARACTERS	SPECIFICATION	RESULT
Appearance	Yellow, crystalline powder	Complies
IDENTIFICATION	SPECIFICATION	RESULT
Identification A	Chromatogram complies	Complies
Identification B	Colour reaction complies	Complies
Identification C	Reaction (a) of chlorides	Complies
TESTS	SPECIFICATION	RESULT
pH	1.8 to 2.8	2.5
Specific optical rotation	- 240 to - 255 (dried substance)	-244
Related substances		
Impurity A	≤ 3.0%	1.1%
Impurity B	≤ 1.5%	0.6%
Impurity C	≤ 0.5%	0.1%
Impurity D	≤ 0.5%	0.01%
Loss on drying	≤ 2.0%	0.0%
Sulfated ash	≤ 0.5%	0.1%
ASSAY	SPECIFICATION	RESULT
LC-UV	95.0% to 102.0% (dried substance)	98.0%

Manufacturer identification code: S/GS/024

CONCLUSION: COMPLIES

RESPONSIBLE PHARMACIST:

**Joran Smout**  
(Signature)  
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