



BioPharma
Product Testing

Certificate of Analysis

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Analytical Report: AAS70130

Eurofins Batch Number JJ21AA2593

Version: 2

Fagron Services B.V.
Molenwerf 13
Uitgeest, 1911 DB
NL

Client Account Number: A00497292BNI
Eurofins Quote Number: IOQ6PH19016874

General Method Reference: EP Pentobarbital sodium: 0419

Eurofins Sample Number JJ21AA2593-1

Original Received Date:	16-Jul-2021
Description:	Pentobarbitalum natricum; 502293
Lot Number:	21F28-F02
Containers Submitted:	1 Bottle(s)
Client Sample ID:	M001; M002

Analysis/Sample	Specification	Result	Unit
Ph Eur Characters Appearance			
JJ21AA2593-1	White or almost white, hygroscopic, crystalline powder	Meets Requirements-White, hygroscopic, crystalline powder	----
Method: Current Ph Eur			
Analysis Date 25-Aug-2021 to 25-Aug-2021 for JJ21AA2593-1			
Ph Eur Identification A per Infrared absorption spectrophotometry (2.2.24)			
JJ21AA2593-1	The transmission minima (absorption maxima) in the spectrum obtained with the substance to be examined correspond in position and relative size to those of the reference.	Meets Requirements	----
Method: Current Ph Eur (2.2.24)			
Analysis Date 07-Dec-2021 to 08-Dec-2021 for JJ21AA2593-1			
Ph Eur Identification B per Reaction (a) of sodium (2.3.1)			
JJ21AA2593-1	The residue gives reaction (a) of sodium (2.3.1).	Meets Requirements	----
Method: Current Ph Eur (2.3.1) Reaction (a)			
Analysis Date 24-Aug-2021 to 24-Aug-2021 for JJ21AA2593-1			



Analysis/Sample	Specification	Result	Unit
Ph Eur Appearance of solution			
JJ21AA2593-1	The solution is clear (2.2.1) and not more intensely coloured than reference solution B _s (2.2.2, Method II).	Meets Requirements	----
Method: Current Ph Eur (2.2.1) (2.2.2 Method II)			
Analysis Date 24-Aug-2021 to 24-Aug-2021 for JJ21AA2593-1			
Ph Eur pH			
JJ21AA2593-1	9.6 to 11.0	10.0	----
Method: Current Ph Eur (2.2.3)			
Analysis Date 24-Aug-2021 to 24-Aug-2021 for JJ21AA2593-1			
Ph Eur Related Substances 1p/1i			
JJ21AA2593-1			
Unspecified impurity	Maximum 0.10	<0.05	%
Total	Maximum 0.1	<0.05	%
Method: Current Ph Eur (2.2.29)(2.2.25)(2.2.46)			
Analysis Date 22-Oct-2021 to 25-Oct-2021 for JJ21AA2593-1			
Ph Eur Free pentobarbital			
JJ21AA2593-1	Maximum 3.5	1.6	%
Method: Current Ph Eur			
Analysis Date 26-Aug-2021 to 26-Aug-2021 for JJ21AA2593-1			
Ph Eur Loss on drying			
JJ21AA2593-1	Maximum 3.0	0.8	%
Method: Current Ph Eur (2.2.32)			
Analysis Date 07-Dec-2021 to 08-Dec-2021 for JJ21AA2593-1			
Ph Eur Assay			
JJ21AA2593-1			
Dried substance	98.0 to 102.0	99.4	%
For JJ21AA2593-1: EXC-JJ21AC2004			
Method: Current Ph Eur (2.2.29)(2.2.25)(2.2.46)			
Analysis Date 07-Dec-2021 to 08-Dec-2021 for JJ21AA2593-1			
Sample Compliance Assessment			
Samples JJ21AA2593-1 meet the requirement(s) for all listed test(s) where specifications were applied.			
Supplemental Information			
Analytical Report Version 2 Comment: Compliance statement is incorrect			

SPECIFICATIES
GECONTROLEERD
EN CONFORM

DATUM

PARAAF

157221

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Version: 2

Contracted Company: PROXY Laboratories Chemistry and Biochemistry

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Questions about this report should be directed to your project manager or the general email listed above.

SPECIFICATIES GECONTROLEERD EN CONFORM	
DATUM	PARAAAF
15/12/21	W.S.