



BioPharma  
Product Testing

## Certificate of Analysis

Page 1 of 3  
Analytical Report: AAM72724  
Eurofins Batch Number JJ21AA0196  
Version: 1

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

Client Account Number: A00497292BNI  
Eurofins Quote Number: IOQ6PH19016859

General Method Reference: EP Carbomers: 1299

Eurofins Sample Number JJ21AA0196-1	
Original Received Date:	21-Jan-2021
Description:	Carbomerum 974P; 501941
Lot Number:	21A18-F01
Containers Submitted:	1 Container
Client Sample ID:	M001

Eurofins Sample Number JJ21AA0196-2	
Original Received Date:	21-Jan-2021
Description:	Carbomerum 974P; 501941
Lot Number:	21A18-F01
Containers Submitted:	1 Container
Client Sample ID:	M002

Eurofins Sample Number JJ21AA0196-3	
Original Received Date:	21-Jan-2021
Description:	Carbomerum 974P; 501941
Containers Submitted:	1 Container
Client Sample ID:	Pooled sample M001 en M002 van batch 21A18-F01

Analysis/Sample	Specification	Result	Unit
<b>Ph Eur Characters Appearance</b>			
JJ21AA0196-1	White or almost white, fluffy, hygroscopic powder	Meets Requirements-White, fluffy, hygroscopic powder	----
JJ21AA0196-2	White or almost white, fluffy, hygroscopic powder	Meets Requirements-White, fluffy, hygroscopic powder	----
Method: Current Ph Eur			
Analysis Date 03-Feb-2021 to 03-Feb-2021 for JJ21AA0196-1 through JJ21AA0196-2			
<b>Ph Eur Identification B</b>			
JJ21AA0196-1	A highly viscous gel is formed.	Meets Requirements	----
JJ21AA0196-2	A highly viscous gel is formed.	Meets Requirements	----
Method: Current Ph Eur			
Analysis Date 03-Feb-2021 to 03-Feb-2021 for JJ21AA0196-1 through JJ21AA0196-2			

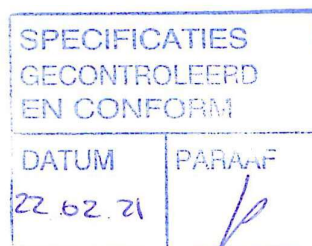
SPECIFICATIES  
GECONTROLEERD  
EN CONFORM

DATUM

22 02 21

PARAF

Analysis/Sample	Specification	Result	Unit
<b>Ph Eur Identification C</b>			
JJ21AA0196-1	A white precipitate is immediately produced.	Meets Requirements	----
JJ21AA0196-2	A white precipitate is immediately produced.	Meets Requirements	----
Method: Current Ph Eur			
Analysis Date 03-Feb-2021 to 03-Feb-2021 for JJ21AA0196-1 through JJ21AA0196-2			
<b>Ph Eur Identification D</b>			
JJ21AA0196-1			
Initial result	An orange colour is produced.	Meets Requirements	----
Final result	A yellow colour is produced.	Meets Requirements	----
JJ21AA0196-2			
Initial result	An orange colour is produced.	Meets Requirements	----
Final result	A yellow colour is produced.	Meets Requirements	----
Method: Current Ph Eur			
Analysis Date 19-Feb-2021 to 19-Feb-2021 for JJ21AA0196-1 through JJ21AA0196-2			
<b>Ph Eur Free acrylic acid 1p/1i</b>			
JJ21AA0196-3	Not more than 0.25	<0.01	%
Method: Current Ph Eur (2.2.29)(2.2.25)(2.2.46)			
Analysis Date 09-Feb-2021 to 09-Feb-2021 for JJ21AA0196-3			
<b>Ph Eur Benzene 3p/1i</b>			
JJ21AA0196-3	Not greater than 2	Not detected	ppm
Method: Current Ph Eur (2.4.24, System A)(2.2.28)			
Analysis Date 15-Feb-2021 to 17-Feb-2021 for JJ21AA0196-3			
<b>Ph Eur Loss on drying</b>			
JJ21AA0196-3	Maximum 3.0	1.1	%
Method: Current Ph Eur (2.2.32)			
Analysis Date 05-Feb-2021 to 05-Feb-2021 for JJ21AA0196-3			
<b>Ph Eur Sulfated ash</b>			
JJ21AA0196-3	Maximum 4.0	1.6	%
Method: Current Ph Eur (2.4.14)			
Analysis Date 11-Feb-2021 to 12-Feb-2021 for JJ21AA0196-3			



Analysis/Sample	Specification	Result	Unit
<b>Ph Eur Assay</b>			
JJ21AA0196-3			
Carboxylic acid (dried substance)	56.0 to 68.0	58.5	%
Method: Current Ph Eur (2.2.20)			
Analysis Date 05-Feb-2021 to 05-Feb-2021 for JJ21AA0196-3			
<b>Ph Eur Apparent viscosity rotational</b>			
JJ21AA0196-3	29400 - 39400	34475	mPa.s
For JJ21AA0196-3: Client specification Method: Current Ph Eur (2.2.10)(2.2.20) Analysis Date 27-Jan-2021 to 27-Jan-2021 for JJ21AA0196-3			
<b>Sample Compliance Assessment</b>			
Samples JJ21AA0196-1 through JJ21AA0196-3 meet the requirement(s) for all listed test(s) where specifications were applied.			
<b>Contracted Company: PROXY Laboratories Chemistry and Biochemistry</b>			
Archimedesweg 25, 2333 CM, Leiden, The Netherlands PROXYcustomer@eurofins.com			

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



Reviewed and electronically signed for Quality Assurance Approval by  
Monique de Graaf, Analytical Review Officer  
for Eurofins PROXY Laboratories B.V., on 19-Feb-2021 16:03:17 UTC+01:00