

Results

No.	Sample designation	Lot	Aerobic mesophilic count (TAMC) cfu/sample
1	Sample 1	/	2'600
2	Sample 2	/	200
3	Sample 3	/	700
4	Sample 4	/	2'400
5	Sample 5	/	100

cfu = colony forming unit(s); n. d. = not detected

The average bacterial count of the 5 samples is **1200 cfu/sample** respectively **1200 cfu/100g**.

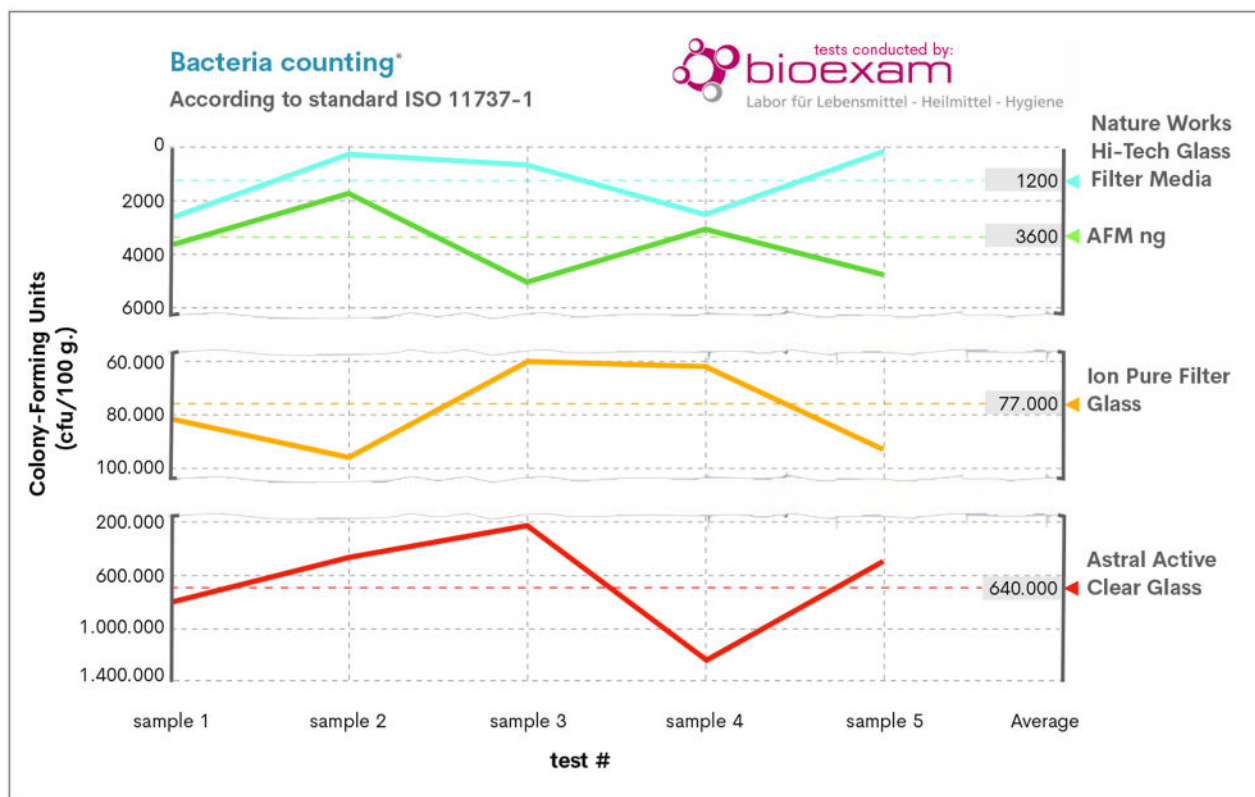
*Conteo de bacterias realizado sobre producto nuevo de fábrica

Resultate

Nr.	Probenbezeichnung	Charge	Aerobe, mesophile Keime (TAMC) KBE/Probe
1	Sample 1	/	3'800
2	Sample 2	/	1'800
3	Sample 3	/	4'700
4	Sample 4	/	3'400
5	Sample 5	/	4'500

KBE = koloniebildende Einheit(en); n. n. = nicht nachweisbar

The average bacterial count of the 5 samples is **3600 cfu/sample** respectively **3600 cfu/100g**.



composición gráfica elaborada por Nature Works, pueden consultar los tests íntegros en www.natureworks.es/descargas

No.	Sample designation	Lot	Aerobic mesophilic count (TAMC) cfu/sample
1	Sample 1	/	81'000
2	Sample 2	/	95'000
3	Sample 3	/	60'000
4	Sample 4	/	62'000
5	Sample 5	/	86'000

cfu = colony forming unit(s); n. d. = not detected

The average bacterial count of the 5 samples is **77'000 cfu/sample** respectively **77'000 cfu/100g**.

No.	Sample designation	Lot	Aerobic mesophilic count (TAMC) cfu/sample
1	Sample 1	/	800'000
2	Sample 2	/	430'000
3	Sample 3	/	210'000
4	Sample 4	/	1'200'000
5	Sample 5	/	560'000

cfu = colony forming unit(s); n. d. = not detected

The average bacterial count of the 5 samples is **640'000 cfu/sample** respectively **640'000 cfu/100g**.



Document no.: D317961

Lucerne, 11.08.2021

Chemia Brugg AG
Mr Dushaj Vilson
Aarauerstrasse 51
5200 Brugg AG

Test Report

Comm. no.:	A317961	Date of test start:	19.07.2021
Date of receipt:	25.06.2021	Customer	
Sampling:	Customer		
Project:	Nature Works Hi-Tech Glas Filter Media, Stage 1		

Sample type: Raw material
 Sampling date: /
 Methodology: Wash 100 g test sample with 100 ml rinsing solution for 15 min at 300 rpm on an orbital shaker. Membrane filter 50 ml of rinsing solution, place filter on an agar plate. Parallel plate out 1 ml of rinsing solution.
 Validation status: Without product-specific validation / suitability test

Parameter	Unit	Method	Tolerance value	Limit value
Aerobic mesophilic count (TAMC)	cfu/sample	ISO 11737-1 / Ph. Eur. 2.6.12. TSA / 30-35 °C / 5 d	/	/

Results

No.	Sample designation	Lot	Aerobic mesophilic count (TAMC) cfu/sample	Interpretation
1	Sample 1	/	2'600	/
2	Sample 2	/	200	/
3	Sample 3	/	700	/
4	Sample 4	/	2'400	/
5	Sample 5	/	100	/

cfu = colony forming unit(s); n. d. = not detected

The average bacterial count of the 5 samples is **1200 cfu/sample** respectively **1200 cfu/100g**.

The five samples were taken at 5 different spots of the bag showed in picture 1.



Picture 1 Original packaging Nature works Hi-Tech Glas Filter Media

This order was carried out within the scope of GMP certification.



Stefanie Kasal, Medical Doctor
 Laboratory Manager

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GMP-zertifiziert
 FDA-registriert

Dokument-Nr.: D317959

Luzern, 11.08.2021

 Chemia Brugg AG
 Herr Dushaj Vilson
 Aarauerstrasse 51
 5200 Brugg AG

Prüfbericht

Auftrags-Nr.:	A317959	Analysenbeginn:	16.07.2021
Eingangsdatum:	25.06.2021		
Probenahme:	Auftraggeber		
Projekt:	Dryden AFM NG Korn 2, Körnung 0.7 - 2.0 mm		

Probentyp: Rohmaterial
 Entnahmedatum: /
 Verfahren: Wash 100 g test sample with 100 ml rinsing solution for 15 min at 300 rpm on an orbital shaker. Membrane filter 50 ml of rinsing solution, place filter on an agar plate. Parallel plate out 1 ml of rinsing solution.
 Validierungsstatus: Ohne produktspezifische Validierung / Eignungsprüfung

Parameter	Einheit	Methode	Toleranzwert	Grenzwert
Aerobe, mesophile Keime (TAMC)	KBE/Probe	ISO 11737-1 / Ph. Eur. 2.6.12. TSA / 30-35 °C / 5 d	/	/

Resultate

Nr.	Probenbezeichnung	Charge	Aerobe, mesophile Keime (TAMC) KBE/Probe	Beurteilung
1	Sample 1	/	3'800	/
2	Sample 2	/	1'800	/
3	Sample 3	/	4'700	/
4	Sample 4	/	3'400	/
5	Sample 5	/	4'500	/

KBE = koloniebildende Einheit(en); n. n. = nicht nachweisbar

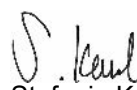
The average bacterial count of the 5 samples is 3600 **cfu/sample** respectively **3600 cfu/100g**.

The five samples were taken at 5 different spots of the bag showed in picture 1.



Picture 1 Original packaging Dryden AFM NG Grade 2, 0.7-0.2 mm

Dieser Auftrag wurde im GMP-zertifizierten Bereich durchgeführt.



Stefanie Kasal, dipl. Ärztin
Laborleiterin

Die Resultate in diesem Bericht beziehen sich nur auf die untersuchten Muster, bei Entnahme durch den Kunden auf die Proben und die dazugehörigen Informationen wie erhalten. Eine Probenahme durch die Bioexam AG liegt nicht im akkreditierten Bereich. Angaben zur analytischen Zuverlässigkeit können im Labor erfragt werden, für Informationen über die angewendeten Entscheidungsregeln siehe www.bioexam.ch. Der Bericht darf nur vollständig kopiert werden. Es gelten unsere allg. Geschäftsbedingungen.

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GMP-zertifiziert
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Document no.: D318459

Lucerne, 11.08.2021

 Chemia Brugg AG
 Mr Dushaj Vilson
 Aarauerstrasse 51
 5200 Brugg AG

Test Report

Comm. no.:	A318459	Date of test start:	05.08.2021
Date of receipt:	13.07.2021		
Sampling:	Customer		
Project:	ION PURE, 0.4 - 1.2 mm		

Sample type: Raw material
 Sampling date: /
 Methodology: Wash 100 g test sample with 100 ml rinsing solution for 15 min at 300 rpm on an orbital shaker. Pour 1 ml of the rinsing solution with Tryptone-Soy Agar.
 Validation status: Without product-specific validation / suitability test

Parameter	Unit	Method	Tolerance value	Limit value
Aerobic mesophilic count (TAMC)	cfu/sample	ISO 11737-1 / Ph. Eur. 2.6.12. TSA / 30-35 °C / 5 d	/	/

Results

No.	Sample designation	Lot	Aerobic mesophilic count (TAMC) cfu/sample	Interpretation
1	Sample 1	/	81'000	/
2	Sample 2	/	95'000	/
3	Sample 3	/	60'000	/
4	Sample 4	/	62'000	/
5	Sample 5	/	86'000	/

cfu = colony forming unit(s); n. d. = not detected

The average bacterial count of the 5 samples is **77'000 cfu/sample** respectively **77'000 cfu/100g**.

The five samples were taken at 5 different spots of the bag showed in picture 1.



Picture 1 Original packaging ION PURE 0.4-1.2 mm



Stefanie Kasal, Medical Doctor
Laboratory Manager

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GMP-zertifiziert
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Document no.: D318458

Lucerne, 11.08.2021

 Chemia Brugg AG
 Mr Dushaj Vilson
 Aarauerstrasse 51
 5200 Brugg AG

Test Report

Comm. no.:	A318458	Date of test start:	05.08.2021
Date of receipt:	13.07.2021		
Sampling:	Customer		
Project:	ASTRAL POOL, active clear Glass		

Sample type: Raw material
 Sampling date: /
 Methodology: Wash 100 g test sample with 100 ml rinsing solution for 15 min at 300 rpm on an orbital shaker. Pour 1 ml of the rinsing solution with Tryptone-Soy Agar.
 Validation status: Without product-specific validation / suitability test

Parameter	Unit	Method	Tolerance value	Limit value
Aerobic mesophilic count (TAMC)	cfu/sample	ISO 11737-1 / Ph. Eur. 2.6.12. TSA / 30-35 °C / 5 d	/	/

Results

No.	Sample designation	Lot	Aerobic mesophilic count (TAMC) cfu/sample	Interpretation
1	Sample 1	/	800'000	/
2	Sample 2	/	430'000	/
3	Sample 3	/	210'000	/
4	Sample 4	/	1'200'000	/
5	Sample 5	/	560'000	/

cfu = colony forming unit(s); n. d. = not detected

The average bacterial count of the 5 samples is **640'000 cfu/sample** respectively **640'000 cfu/100g**.

The five samples were taken at 5 different spots of the bag showed in picture 1.



Picture 1 Original packaging ASTRAL POOL active clear Glass

S. Kasal
Stefanie Kasal, Medical Doctor
Laboratory Manager

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