



PASS

SUBMITTER

Visstun
6355 Sunset Corporate Drive, Las Vegas, Nevada, 89120, United States



STYLE NUMBER

/

PRODUCT DESCRIPTION

BIONATURA, BIOPBS, C921

EXECUTIVE SUMMARY

The submitted sample(s) MEET all the tested requirement(s).

REMARKS

NOTE: The **PFAS** analysis was performed by a competent internal laboratory at Bureau Veritas.

TECHNICAL QUESTIONS

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SIGNATURES

Bureau Veritas
Consumer Product Services, Inc.

GENERAL INFORMATION

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Product Test Engineer
Hardlines Department



**BUREAU
VERITAS**

Test Report: (5123)313-0004 VISSTUN

Received Date: November 09, 2023
Report Date: November 29, 2023

| | |
|---------------------------|----------------------|
| FORM # | 0004 |
| FAIL RETEST (YES/NO) | A: NO, B: NO |
| RETEST SAMPLE NUMBER | / |
| VENDOR NAME | / |
| FACTORY ID / NUMBER | / |
| NUMBER OF CARTONS/SAMPLES | 250 |
| UPC CODE | / |
| COLOR | A: VARIOUS |
| ITEM NUMBER | / |
| ASSORTMENT NUMBER | / |
| Model Number | / |
| SKU/SKN NUMBER | / |
| PURCHASE ORDER NUMBER | / |
| PRODUCT END USE | / |
| CLIENT REFERENCE NUMBER | / |
| LOT NUMBER | / |
| COUNTRY OF ORIGIN | UNITED STATES |
| COUNTRY OF DESTINATION | / |
| NEW PRODUCT | N/A |
| ADDITIONAL PO #s | / |
| CLIENT GROUP | ENGINEER, BUFFALO_HL |
| MULTI-COUNTRY MASTER | / |
| RETURN POLICY | NO RETURNS |
| ONLINE TRF # | / |
| INTERNAL EXPRESS | N |
| COMPLIMENTARY RUSH | 0 |
| BUYER NAME | / |
| SUBMITTER CONTACT | SHERRI HALL |



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| | |
|------------------------|--|
| PROTOCOL NUMBER | CPSD-AN-PTCL-06001-USA-3 STAR-FOOD CONTACT ARTICLE-V17, CPSD-AN-PTCL-06001.02-USA-3 STAR-PAPER PAPERBOARD FOOD CONTACT ARTICLE-V12, CPSD-AN-PTCL-06504.11-USA-PFAS SUPPLEMENTAL-V4 |
| REVISION | / |
| REVISION DATE | / |



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TEST RESULTS FOR BIONATURA, BIOPBS

| TESTED PROPERTY | REQUIREMENTS | RESULTS | RATING |
|--|--|---------|--------|
| Paper and paperboard (FDA 21 CFR 176.170) | | | |
| | CPSD-AN-06001.02-USA-3 STAR Coated or uncoated food contact surface of paper and paperboard in contact with aqueous and fatty foods shall meet appropriate section(s) of U.S. FDA 21 CFR 176.170. | A:Meet | PASS |

| Individual PFAS (US State Laws) | | | |
|--|---|------|------|
| | CPSD-AN-06504.11-USA Major accessible mat'ls that are claimed to have certain treatment shall not have any intentionally added PFAS[BVCPS defined limit is < 0.01 mg/kg each of 49 listed PFAS]. | Meet | PASS |

| Test Item(s) | Item / Component Description(s) | Location(s) | Style(s) |
|--------------|---------------------------------|-------------|----------|
| I001 | White/Green paper cup | - | A |
| I002 | White/Brown paper cup | - | B |

| Test Item(s) | Result(s) [Unit in mg/kg] | | Conclusion |
|--------------|-----------------------------|---------------|------------|
| | Detected Analyte(s) | Concentration | |
| I001 + I002 | Not Detected | Not Detected | Pass |



ADDITIONAL TEST RESULTS FOR BIONATURA, BIOPBS

**FDA FOOD SIMULATING SOLVENT EXTRACTIVES
INDIRECT FOOD ADDITIVES – COMPONENTS OF PAPER AND PAPERBOARD IN CONTACT WITH AQUEOUS
AND FATTY FOODS**

The sample(s) was evaluated according to the US Food and Drug Administration (FDA), Title 21, Code of Federal Regulations (CFR), Section 176.170, "Indirect Food Additives: Paper and Paperboard".

Condition of Use: (C) - Hot filled or pasteurized above 150°F

| Sample Description | | |
|--------------------|-----------|-------|
| Color / Component | Location | Style |
| (A) White paper | Inner cup | A |
| (B) White paper | Inner cup | B |

| Parameter | Result (mg/sq. in) | Maximum Allowable Limit (mg/sq. in) | Conclusion |
|-----------------------|--------------------|-------------------------------------|------------|
| • (A) Distilled water | 0.2 | 0.5 | Pass |
| • (B) Distilled water | 0.2 | 0.5 | Pass |

LT = Less Than

N/A = Not Applicable

mg/sq. in. = milligrams per square inch (of food-contact surface)

* = An average of duplicate analyses.

ADDITIONAL TEST RESULTS FOR BIONATURA, BIOPBS

TEST RESULT

PFCs

Method: : CPSD-AN-00667-MTHD & CPSD-AN-00668-MTHD

Test Item(s) : 1 White/green paper cup -
2 White/brown paper cup -

| Parameter | CAS No. | Unit | Detection Limit | Result | | Limit |
|---|--|-------|-----------------|--------|----|-------|
| | | | | 1 | 2 | |
| PFBA | 375-22-4 | mg/kg | 0.01 | ND | ND | - |
| PFPA | 2706-90-3 | mg/kg | 0.01 | ND | ND | - |
| PFHxA & PFHxA-NH4 | 307-24-4, 21615-47-4 | mg/kg | 0.01 | ND | ND | - |
| PFHpA | 375-85-9 | mg/kg | 0.01 | ND | ND | - |
| 7H-PFHpA | 1546-95-8 | mg/kg | 0.01 | ND | ND | - |
| PFOA and its salts including PFOA-F, PFOA-Me, PFOA-Et, PFOA-Na, PFOA-K, PFOA-Ag, APFO | 335-67-1, 335-66-0, 376-27-2, 3108-24-5, 335-95-5, 2395-00-8, 335-93-3, 3825-26-1 | mg/kg | 0.01 | ND | ND | - |
| PFNA, PFNA-NH4 and PFNA-Na | 375-95-1, 4149-60-4, 21049-39-8 | mg/kg | 0.01 | ND | ND | - |
| PFDA, PFDA-Na and PFDA-NH4 | 335-76-2, 3830-45-3, 3108-42-7 | mg/kg | 0.01 | ND | ND | - |
| H2PFDA & H2PFDAp(C4H9)4 | 27854-31-5, 882489-14-7 | mg/kg | 0.01 | ND | ND | - |
| PF-3,7-DMOA | 172155-07-6 | mg/kg | 0.01 | ND | ND | - |
| PFUnDA | 2058-94-8 | mg/kg | 0.01 | ND | ND | - |
| H4PFUnA | 34598-33-9 | mg/kg | 0.01 | ND | ND | - |
| PFDoDA & PFDoDA-NH4 | 307-55-1, 3793-74-6 | mg/kg | 0.01 | ND | ND | - |
| PFTTrA | 72629-94-8 | mg/kg | 0.01 | ND | ND | - |
| PFTeA | 376-06-7 | mg/kg | 0.01 | ND | ND | - |
| PFHxDA | 67905-19-5 | mg/kg | 0.01 | ND | ND | - |
| PFODA | 16517-11-6 | mg/kg | 0.01 | ND | ND | - |
| PFBS, PFBS-K & PFBS-H2O | 375-73-5 or 29420-49-3 or 59933-66-3 | mg/kg | 0.01 | ND | ND | - |
| PFHxS, PFHxS-K, PFHxS-Na, PFHxS-Li & PFHxS-NH4 | 355-46-4, 3871-99-6, 82382-12-5, | mg/kg | 0.01 | ND | ND | - |



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| | | | | | | |
|--|---|-------|------|----|----|---|
| | 55120-77-9, 68259-08-5 | | | | | |
| PFHpS, PFHpS-K & PFHpS-Na | 375-92-8, 60270-55-5, 68555-66-8 | mg/kg | 0.01 | ND | ND | - |
| PFOS and its salts including PFOS-K, PFOS-Li, PFOS-NH4, PFOS-NH(OH)2, PFOS-N(C2H5)4 and PFOF | 1763-23-1, 2795-39-3, 29457-72-5, 29081-56-9, 70225-14-8, 56773-42-3 & 307-35-7 | mg/kg | 0.01 | ND | ND | - |
| PFDS, PFDS-Na, PFDS-K & PFDS-NH4 | 335-77-3, 2806-15-7, 2806-16-8, 67906-42-7 | mg/kg | 0.01 | ND | ND | - |
| 4:2 FTS & 4:2 FTS-Na | 757124-72-4 | mg/kg | 0.01 | ND | ND | - |
| 6:2 FTS | 27619-97-2 | mg/kg | 0.01 | ND | ND | - |
| 8:2 FTS & 8:2 FTS-Na | 39108-34-4 | mg/kg | 0.01 | ND | ND | - |
| 10:2 FTS | 120226-60-0 | mg/kg | 0.01 | ND | ND | - |
| PFOSA | 754-91-6 | mg/kg | 0.01 | ND | ND | - |
| N-MeFOSA | 31506-32-8 | mg/kg | 0.01 | ND | ND | - |
| N-EtFOSA & N-EtFOSA-AC | 4151-50-2, 423-82-5 | mg/kg | 0.01 | ND | ND | - |
| N-MeFOSE | 24448-09-7 | mg/kg | 0.01 | ND | ND | - |
| N-EtFOSE | 1691-99-2 | mg/kg | 0.01 | ND | ND | - |
| FOSAA | 2806-24-8 | mg/kg | 0.01 | ND | ND | - |
| N-MeFOSAA | 2355-31-9 | mg/kg | 0.01 | ND | ND | - |
| N-EtFOSAA | 2991-50-6 | mg/kg | 0.01 | ND | ND | - |
| HFPO-DA, HFPO-DA-NH4, HFPO-DA-K, HFPO-DA-F | 13252-13-6, 62037-80-3, 67118-55-2, 21062-98-8 | mg/kg | 0.01 | ND | ND | - |
| 8:2 diPAP | 678-41-1 | mg/kg | 0.01 | ND | ND | - |
| 10:2 monoPAP & 10:2 monoPAP-(C6H11NH2)2 | 57678-05-4 | mg/kg | 0.01 | ND | ND | - |
| 10:2 diPAP | 1895-26-7 | mg/kg | 0.01 | ND | ND | - |
| PFHxSA | 41997-13-1 | mg/kg | 0.01 | ND | ND | - |
| N-MeFHxSA | 68259-15-4 | mg/kg | 0.01 | ND | ND | - |
| 4:2 FTOH | 2043-47-2 | mg/kg | 0.01 | ND | ND | - |
| 6:2 FTOH | 647-42-7 | mg/kg | 0.01 | ND | ND | - |
| 8:2 FTOH | 678-39-7 | mg/kg | 0.01 | ND | ND | - |
| 10:2 FTOH | 865-86-1 | mg/kg | 0.01 | ND | ND | - |
| 12:2 FTOH | 39239-77-5 | mg/kg | 0.01 | ND | ND | - |
| 6:2 FTAC | 17527-29-6 | mg/kg | 0.01 | ND | ND | - |
| 8:2 FTAC | 27905-45-9 | mg/kg | 0.01 | ND | ND | - |
| 6:2 FTMAC | 2144-53-8 | mg/kg | 0.01 | ND | ND | - |



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| | | | | | | |
|------------|-------------|-------|------|----|----|---|
| 8:2 FTMAC | 1996-88-9 | mg/kg | 0.01 | ND | ND | - |
| 10:2 FTMAC | 2144-54-9 | mg/kg | 0.01 | ND | ND | - |
| 8:2 FTI | 2043-53-0 | mg/kg | 0.01 | ND | ND | - |
| 10:2 FTI | 2043-54-1 | mg/kg | 0.01 | ND | ND | - |
| 12:2 FTI | 30046-31-2 | mg/kg | 0.01 | ND | ND | - |
| PFOI | 507-63-1 | mg/kg | 0.01 | ND | ND | - |
| PFDI | 423-62-1 | mg/kg | 0.01 | ND | ND | - |
| PFDoDI | 307-60-8 | mg/kg | 0.01 | ND | ND | - |
| PFSI | 101947-16-4 | mg/kg | 0.01 | ND | ND | - |

Note:

ND = Not detected

Remark: Selected test was specified by client.

END OF REPORT