



Test Report

No. BR2304026 Rev. 0

Date: Barueri, 13 Dec 2023

Page 1 of 7

TACOSOLA BORRACHAS LTDA

ROD BR-116

7729

KM: 36;

NOVO HAMBURGO, RS 93351155

BRAZIL

The following sample(s) was/were submitted and identified on behalf of the buyer as: EVA 9593 IG ECÓLOGICO

SGS Order No. : 400000011923
Total of Sample : 1 SAMPLE
Sample Number : BR2304026.001
Component No. : 1
Sample Description : EVA 9593 IG ECÓLOGICO
Material Name : EVA
Colour : ORANGE
Remark : N/A
Lot Number : 1561 LARANJA
Project : VEJA
Test Product : EVA MATERIALS
Mix : NO
Colors : 1561 LARANJA
Sample composed of fibers of plant origin : NO
Sample contains PVC or recycled material in the composition : NO
water repellent material : NO
Sample covered with paints or varnishes : NO
Sample based on PU : NO
Colorful material : NO
Original fibers animal (wool) : NO
Laminated material with synthetic fiber base : NO
PRODUCTION - Official report for Brand test YES
(Product/Packaging/Retest) :

The informations above was provided by or on behalf of the customer.

Proposal Number : C&P PR23-1560868 REV00
Sample Receiving Date : 01 Dec 2023
Test Performing Period : 01 Dec 2023 - 13 Dec 2023
Test Requested : Selected test(s) as requested by client.
Test Part Description : Please refer to next page(s).
Test Method : Please refer to next page(s).
Test Results : Please refer to next page(s).
Technical Responsibility : Alessandra Shimizu - Laboratory Manager CRQ 04245592

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Component Lis/List of Materials :

| Sample No. | Component No. | Description | Material | Colour | Remark |
|---------------|---------------|--------------------------|----------|--------|--------|
| BR2304026.001 | 1 | EVA 9593 IG ECÓLOGICO | EVA | ORANGE | N/A |

Summary of Test Result:

| Test Parameter | Test Method | Conclusion |
|---|---|------------|
| Total Heavy Metals | DIN EN 16711-1:2016, Analysis was conducted by ICP-MS | PASS |
| Non-Metal Products | With reference to CPSC-CH-E1002-08.3; analysis was performed by ICP-OES. | PASS |
| Nonylphenol (NP) and Octylphenol (OP) | Sample preparation by solvent extraction (EN ISO 21084: 2019), analysis performed by GC-MS. | PASS |
| Nonylphenol Ethoxylates (NPEOs) and Octylphenol Ethoxylates (OPEOs) | Sample preparation by solvent extraction (EN ISO 18254/16), analysis performed by LC-MS. | PASS |
| Phthalates | With reference to ISO 14389:2014; Analysis was performed by GC-MS/CPSC Method CPSC-CH-C1001.09.4:2018 | PASS |
| Polycyclic aromatic hydrocarbons (PAH) | With reference to AfPS GS 2019:01 PAK. Analysis was performed by GC-MS. | PASS |
| Residual Solvent (ISO 16189/13) | ISO 16189/13, extration with organic solvent, analysis was performed by GC-MS. | PASS |

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Test Report

No. BR2304026 Rev. 0

Date: Barueri, 13 Dec 2023

Page 4 of 7

Test Results :

Nonylphenol (NP) and Octylphenol (OP)

Test Method : Sample preparation by solvent extraction (EN ISO 21084: 2019), analysis performed by GC-MS.

| <u>Test Item(s)</u> | <u>CAS-NO.</u> | <u>Client</u> <u>Requeriment</u> | <u>RL</u> | <u>Unit</u> | <u>Result</u> <u>001</u> |
|-----------------------|----------------|-------------------------------------|-----------|-------------|-----------------------------|
| Nonylphenol (NP) | 25154-52-3 | - | 10.00 | mg/kg | ND |
| Octylphenol (OP) | 27193-28-8 | - | 10.00 | mg/kg | ND |
| Sum of NP and OP (AP) | | Max. 10.00 | 10.00 | mg/kg | ND |
| Conclusion | | | | | PASS |

Nonylphenol Ethoxylates (NPEOs) and Octylphenol Ethoxylates (OPEOs)

Test Method : Sample preparation by solvent extraction (EN ISO 18254/16), analysis performed by LC-MS.

| <u>Test Item(s)</u> | <u>CAS-NO.</u> | <u>Client</u> <u>Requeriment</u> | <u>RL</u> | <u>Unit</u> | <u>Result</u> <u>001</u> |
|--------------------------------|----------------|-------------------------------------|-----------|-------------|-----------------------------|
| Nonylphenol ethoxylates (NPEO) | 9016-45-9 | - | 20.00 | mg/kg | ND |
| Octylphenol ethoxylates (OPEO) | 9002-93-1 | - | 20.00 | mg/kg | ND |
| Sum of (NP,OP, NPEO and OPEO) | | Max. 100.00 | 20.00 | mg/kg | ND |
| Conclusion | | | | | PASS |

Total Heavy Metals

Test Method : DIN EN 16711-1:2016, Analysis was conducted by ICP-MS

| <u>Test Item(s)</u> | <u>CAS-NO.</u> | <u>Client</u> <u>Requeriment</u> | <u>RL</u> | <u>Unit</u> | <u>Result</u> <u>001</u> |
|---------------------|----------------|-------------------------------------|-----------|-------------|-----------------------------|
| Arsenic (As) | 7440-38-2 | Max. 100.00 | 10.00 | mg/kg | ND |
| Cadmium (Cd) | 7440-43-9 | Max. 40.00 | 5.00 | mg/kg | ND |
| Mercury (Hg) | 7439-97-6 | Max. 0.50 | 0.10 | mg/kg | ND |
| Conclusion | | | | | PASS |

Non-Metal Products

Test Method : With reference to CPSC-CH-E1002-08.3; analysis was performed by ICP-OES.

| <u>Test Item(s)</u> | <u>Client</u> <u>Requeriment</u> | <u>RL</u> | <u>Unit</u> | <u>Result</u> <u>001</u> |
|---------------------|-------------------------------------|-----------|-------------|-----------------------------|
| Lead (Pb) | Max. 40.00 | 10.00 | mg/kg | ND |
| Conclusion | | | | PASS |

Phthalates

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Test Report

No. BR2304026 Rev. 0

Date: Barueri, 13 Dec 2023

Page 5 of 7

Test Method : With reference to ISO 14389:2014; Analysis was performed by GC-MS/CPSC Method CPSC-CH-C1001.09.4:2018

| Test Item(s) | CAS-NO. | Client | | | Result |
|---|-------------|--------------|--------|-------|--------|
| | | Requeriment | RL | Unit | |
| Diisononyl Phthalate (DINP) | 28553-12-0 | Max. 500.00 | 50.00 | mg/kg | ND |
| Di-n-octyl Phthalate (DNOP) | 117-84-0 | Max. 500.00 | 50.00 | mg/kg | ND |
| Bis-(2-ethylhexyl) Phthalate (DEHP) | 117-81-7 | Max. 500.00 | 50.00 | mg/kg | ND |
| Diisodecyl Phthalate (DIDP) | 26761-40-0 | Max. 500.00 | 50.00 | mg/kg | ND |
| Benzylbutyl Phthalate (BBP) | 85-68-7 | Max. 500.00 | 50.00 | mg/kg | ND |
| Dibutyl Phthalate (DBP) | 84-74-2 | Max. 500.00 | 50.00 | mg/kg | ND |
| Diisobutyl Phthalate (DIBP) | 84-69-5 | Max. 500.00 | 30.00 | mg/kg | ND |
| Di-n-hexyl Phthalate (DnHP) | 84-75-3 | Max. 500.00 | 50.00 | mg/kg | ND |
| Diethyl Phthalate (DEP) | 84-66-2 | Max. 500.00 | 50.00 | mg/kg | ND |
| Dimethyl Phthalate (DMP) | 131-11-3 | Max. 500.00 | 50.00 | mg/kg | ND |
| Di-n-pentyl Phthalate (DPENP) | 131-18-0 | Max. 500.00 | 50.00 | mg/kg | ND |
| Dicyclohexyl Phthalate (DCHP) | 84-61-7 | Max. 500.00 | 50.00 | mg/kg | ND |
| 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP) | 71888-89-6 | Max. 500.00 | 50.00 | mg/kg | ND |
| Bis(2-methoxyethyl) Phthalate (DMEP) | 117-82-8 | Max. 500.00 | 50.00 | mg/kg | ND |
| Diisopentyl Phthalate (DIPP) | 605-50-5 | Max. 500.00 | 50.00 | mg/kg | ND |
| Dipropyl phthalate (DPRP) | 131-16-8 | Max. 500.00 | 50.00 | mg/kg | ND |
| Diisooctyl phthalate (DIOP) | 27554-26-3 | Max. 500.00 | 50.00 | mg/kg | ND |
| 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP) | 68515-42-4 | Max. 500.00 | 50.00 | mg/kg | ND |
| 1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear | 84777-06-0 | Max. 500.000 | 50.000 | mg/kg | ND |
| 1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters | 68648-93-1 | Max. 500.000 | 30.000 | mg/kg | ND |
| 1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters | 68515-51-5 | Max. 500.000 | 30.000 | mg/kg | ND |
| N-pentyl-isopentyl Phthalate (NPIPP) | 776297-69-9 | Max. 500.00 | 30.00 | mg/kg | ND |
| Di-hexylphthalate, branched and linear (DHxP) | 68515-50-4 | Max. 500.000 | 30.000 | mg/kg | ND |
| Di-iso-hexylphthalate (DIHxP) | 71850-09-4 | Max. 500.00 | 30.00 | mg/kg | ND |
| Sum | | Max. 1000.00 | - | mg/kg | ND |

Conclusion

PASS

Polycyclic aromatic hydrocarbons (PAH)

Test Method : With reference to AfPS GS 2019:01 PAK. Analysis was performed by GC-MS.

| Test Item(s) | CAS-NO. | Client | | | Result |
|--------------------|---------|-------------|------|-------|--------|
| | | Requeriment | RL | Unit | |
| Acenaphthene (ANA) | 83-32-9 | - | 0.20 | mg/kg | ND |

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Test Report

No. BR2304026 Rev. 0

Date: Barueri, 13 Dec 2023

Page 6 of 7

| <u>Test Item(s)</u> | <u>CAS-NO.</u> | <u>Client</u> <u>Requeriment</u> | <u>RL</u> | <u>Unit</u> | <u>Result</u> <u>001</u> |
|-------------------------------|----------------|-------------------------------------|-----------|-------------|-----------------------------|
| Acenaphthylene (ANY) | 208-96-8 | - | 0.20 | mg/kg | ND |
| Anthracene (ANT) | 120-12-7 | - | 0.20 | mg/kg | ND |
| Benzo(g,h,i)perylene (BPE) | 191-24-2 | - | 0.20 | mg/kg | ND |
| Fluorene (FLU) | 86-73-7 | - | 0.20 | mg/kg | ND |
| Fluoranthene (FLT) | 206-44-0 | - | 0.20 | mg/kg | ND |
| Indeno(1,2,3-c,d)pyrene (IPY) | 193-39-5 | - | 0.20 | mg/kg | ND |
| Naphthalene (NAP) | 91-20-3 | - | 0.20 | mg/kg | ND |
| Phenanthrene(PHE) | 85-01-8 | - | 0.20 | mg/kg | ND |
| Pyrene (PYR) | 129-00-0 | - | 0.20 | mg/kg | ND |
| Benzo(a)anthracene (BaA) | 56-55-3 | Max. 0.50 | 0.20 | mg/kg | ND |
| Benzo(a)pyrene (BaP) | 50-32-8 | Max. 0.50 | 0.20 | mg/kg | ND |
| Benzo(b)fluoranthene (BbF) | 205-99-2 | Max. 0.50 | 0.20 | mg/kg | ND |
| Benzo(e)pyrene (BeP) | 192-97-2 | Max. 0.50 | 0.20 | mg/kg | ND |
| Benzo(j)fluoranthene (BjF) | 205-82-3 | Max. 0.50 | 0.20 | mg/kg | ND |
| Benzo(k)fluoranthene (BkF) | 207-08-9 | Max. 0.50 | 0.20 | mg/kg | ND |
| Chrysene (CHR) | 218-01-9 | Max. 0.50 | 0.20 | mg/kg | ND |
| Dibenzo(a,h)anthracene (DBA) | 53-70-3 | Max. 0.50 | 0.20 | mg/kg | ND |
| Sum of 18 PAHs | | Max. 10.00 | - | mg/kg | ND |

Conclusion

PASS

Residual Solvent (ISO 16189/13)

Test Method : ISO 16189/13, extration with organic solvent, analysis was performed by GC-MS.

| <u>Test Item(s)</u> | <u>CAS-NO.</u> | <u>Client</u> <u>Requeriment</u> | <u>RL</u> | <u>Unit</u> | <u>Result</u> <u>001</u> |
|------------------------------|----------------|-------------------------------------|-----------|-------------|-----------------------------|
| Dimethylacetamida (DMAC) | 127-19-5 | Max. 1000.00 | 50.00 | mg/kg | ND |
| Dimethylformamide (DMFA) | 68-12-2 | Max. 500.00 | 50.00 | mg/kg | ND |
| Formamide | 75-12-7 | Max. 1000.00 | 50.00 | mg/kg | ND |
| N-methyl-2-pyrrolidone (NMP) | 872-50-4 | Max. 1000.00 | 50.00 | mg/kg | ND |

Conclusion

PASS

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Remarks :

- (1) RL = Reporting Limit
- (2) ND = Not Detected (< RL)
- (3) "-" = Not Analyzed / Not Applicable
- (4) "--" = Analysis in Process
- (5) 1 mg/kg = 0.0001%
- (6) mg/kg = ppm

Comments :

The reported results refer only to the samples submitted to the tests. SGS is not responsible for information regarding the composition of the sample and its manufacturing data. These are the sole responsibility of the customer and are not part of the service scope of SGS do Brasil LTDA.

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The Decision Rule defined by SGS states that the uncertainty of measurement will not be considered in the Verdict (declaration of conformity) when indicated in the test report.

WARNING: The opinions and interpretations expressed below are based on the results obtained from the item tested, applicable only to the tests where the specification parameters are included in this report.

*** End of Report ***

The assay were conducted in the laboratory in Brazil, located at the address cited at the bottom of this report.