



## Test Report

No. BR2304163 Rev. 0

Date: Barueri, 28 Dec 2023

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**SUNTEX BRASIL INDUSTRIA DE SINTETICOS LTDA**

**AV DAS INDUSTRIAS**

**389**

**PORTO ALEGRE, RS 90200290**

**BRAZIL**

The following sample(s) was/were submitted and identified on behalf of the buyer as: Paris Preto/ Paris Extra White/ Paris Branco; Paris Preto; Paris Extra White; Paris Branco

SGS Order No. :	400000012135
Total of Sample :	03 Samples
Sample Number :	BR2304163.001
Component No. :	1
Sample Description :	Paris Preto/ Paris Extra White/ Paris Branco
Material Name :	Laminated Fabric
Colour :	Black and white
Remark :	N/A
Lot Number :	22585 (preto), 22619 (extra white) e 22493 (branco)
Project :	Veja
Test Product :	Laminate
Mix :	YES
Colors :	Branco, Extra White, Preto
Sample composed of fibers of plant origin :	YES
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 :	YES
Colorful material :	YES
Original fibers animal (wool) :	NO
Laminated material with synthetic fiber base :	NO
PRODUCTION - Official report for Brand test (Product/Packaging/Retest) :	YES
Sample Number :	BR2304163.002
Component No. :	2
Sample Description :	Paris Preto
Material Name :	Laminated Fabric
Colour :	Black
Remark :	N/A
Sample Number :	BR2304163.003
Component No. :	3
Sample Description :	Paris Extra White
Material Name :	Laminated Fabric

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Colour : White  
 Remark : N/A  
 Sample Number : BR2304164.004  
 Component No. : 4  
 Sample Description : Paris Branco  
 Material Name : Laminated Fabric  
 Colour : White  
 Remark : N/A

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

Proposal Number : C&P PR23-1496914 Rev00  
 Sample Receiving Date : 11 Dec 2023  
 Test Performing Period : 11 Dec 2023 - 28 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

**Component Lis/List of Materials :**

Sample No.	Component No.	Description	Material	Colour	Remark
BR2304163.001	1	Paris Preto/ Paris Extra White/ Paris Branco	Laminated Fabric	Black and white	N/A
BR2304163.002	2	Paris Preto	Laminated Fabric	Black	N/A
BR2304163.003	3	Paris Extra White	Laminated Fabric	White	N/A
BR2304164.004	4	Paris Branco	Laminated Fabric	White	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
pH Value	With reference to BS ISO 3071:2020.	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

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AZO Dyes	With reference to EN ISO 14362-1:2017 & EN ISO 14362-3: 2017, analysis was performed with GC-MS/LC-DAD.	PASS
Chlorinated Benzenes and Toluenes	With reference to EN17137:2018; analysis was performed by GC-MS.	PASS
Disperse Dyes	With reference to DIN 54231:2022, analysis was performed by HPLC-DAD-MSD.	PASS
Formaldehyde	With reference to ISO 14184-1: 2011; analysis was performed by UV-Vis.	PASS
Organotin Compounds	With reference to ISO 16179:2012, analysis was performed by GC-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
Quinoline	DIN 54231:2005, Analysis was conducted by LCMS/DAD	PASS
Residual Solvent (ISO 16189/13)	ISO 16189/13, extration with organic solvent, analysis was performed by GC-MS.	PASS

Sample Photo :



SGS authenticate the photo on original report only

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Signed for and on behalf of  
SGS do Brasil Ltda.

Alessandra Shimizu  
Laboratory Manager CRQ 04245592

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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
<b>Conclusion</b>					<b>PASS</b>

### 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
<b>Conclusion</b>					<b>PASS</b>

### AZO Dyes

Test Method : With reference to EN ISO 14362-1:2017 & EN ISO 14362-3: 2017, analysis was performed with GC-MS/LC-DAD.

<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>
4-Aminobiphenyl	92-67-1	Max. 20.0	5.0	mg/kg	ND
Benzidine	92-87-5	Max. 20.0	5.0	mg/kg	ND
4-chloro-o-toluidine	95-69-2	Max. 20.0	5.0	mg/kg	ND
2-naphthylamine	91-59-8	Max. 20.0	5.0	mg/kg	ND
o-aminoazotoluene	97-56-3	Max. 20.0	5.0	mg/kg	ND
2-amino-4-nitrotoluene	99-55-8	Max. 20.0	5.0	mg/kg	ND
4-chloroaniline	106-47-8	Max. 20.0	5.0	mg/kg	ND
2,4-diamino-anisole	615-05-4	Max. 20.0	5.0	mg/kg	ND
4,4'-diaminodiphenylmethane	101-77-9	Max. 20.0	5.0	mg/kg	ND
3,3'-dichlorobenzidine	91-94-1	Max. 20.0	5.0	mg/kg	ND
3,3'-dimethoxybenzidine	119-90-4	Max. 20.0	5.0	mg/kg	ND
3,3'-dimethylbenzidine	119-93-7	Max. 20.0	5.0	mg/kg	ND
3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	Max. 20.0	5.0	mg/kg	ND

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<u>Test Item(s)</u>	<u>CAS-NO.</u>	<u>Client</u>			<u>Result</u>
		<u>Requeriment</u>	<u>RL</u>	<u>Unit</u>	<u>001</u>
p-cresidine	120-71-8	Max. 20.0	5.0	mg/kg	ND
4,4'-methylene-bis-(2-chloroaniline)	101-14-4	Max. 20.0	5.0	mg/kg	ND
4,4'-oxydianiline	101-80-4	Max. 20.0	5.0	mg/kg	ND
4,4'-thiodianiline	139-65-1	Max. 20.0	5.0	mg/kg	ND
o-toluidine	95-53-4	Max. 20.0	5.0	mg/kg	ND
2,4-Toluylendiamine	95-80-7	Max. 20.0	5.0	mg/kg	ND
2,4,5-trimethylaniline	137-17-7	Max. 20.0	5.0	mg/kg	ND
4-aminoazobenzene	60-09-3	Max. 20.0	5.0	mg/kg	ND
O-Anisidine	90-04-0	Max. 20.0	5.0	mg/kg	ND
2,4-Xylidine	95-68-1	Max. 20.0	5.0	mg/kg	ND
2,6-Xylidine	87-62-7	Max. 20.0	5.0	mg/kg	ND
4-Chloro-o-toluidinium chloride	3165-93-3	Max. 20.0	5.0	mg/kg	ND
2-Naphthylammoniumacetate	553-00-4	Max. 20.0	5.0	mg/kg	ND
4-Methoxy-m-phenylene diammonium sulphate	39156-41-7	Max. 20.0	5.0	mg/kg	ND
2,4,5-Trimethylamine hydrochloride	21436-97-5	Max. 20.0	5.0	mg/kg	ND

**Conclusion**
**PASS**

Notes: Results over 1/2 or 1/3 of test requirement indicate a possibility of failure on one or more components. Retesting on individual component is recommended to determine the compliance of each component to the requirement.

4-Aminodiphenyl CAS 92-67-1, 2-Naphtylamine CAS 91-59-8 and 4-Methoxy-m-phenylene-diamine CAS 615-05-4 can be indirectly generated from some colorants which do not contain these amines azo bound. 4,4'-methylene-dianiline CAS 101-77-9 and 2,4-toluylen-diamine CAS 95-80-7 may be released from polyurethane or chemical fixing agent. The use of banned azo colorants cannot be reliably ascertained without additional information.

The ISO 14362-1:2017 method will enable further cleavage of 4-aminoazobenzene to non-forbidden amines: aniline and 1,4-phenylenediamine. If aniline and/or 1,4-phenylenediamine is not detected by mentioned test method, test result for 4-aminoazobenzene CAS 60-09-3 is considered as 'not detected'. Otherwise, the test method of ISO 14362-3:2017 will be employed to verify the presence of 4-aminoazobenzene.

**Chlorinated Benzenes and Toluenes**

Test Method : With reference to EN17137:2018; analysis was performed by GC-MS.

<u>Test Item(s)</u>	<u>CAS-NO.</u>	<u>Client</u>			<u>Result</u>
		<u>Requeriment</u>	<u>RL</u>	<u>Unit</u>	<u>001</u>
2-Chlorotoluene	95-49-8	-	0.2	mg/kg	ND
3-Chlorotoluene	108-41-8	-	0.2	mg/kg	ND
4-Chlorotoluene	106-43-4	-	0.2	mg/kg	ND
2,3-Dichlorotoluene	32768-54-0	-	0.2	mg/kg	ND
2,4-Dichlorotoluene	95-73-8	-	0.2	mg/kg	ND
2,5-Dichlorotoluene	19398-61-9	-	0.2	mg/kg	ND
2,6-Dichlorotoluene	118-69-4	-	0.2	mg/kg	ND
3,4-Dichlorotoluene	95-75-0	-	0.2	mg/kg	ND

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<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>
2,3,6-Trichlorotoluene	2077-46-5	-	0.2	mg/kg	ND
2,4,5-Trichlorotoluene	6639-30-1	-	0.2	mg/kg	ND
2,3,4,5-Tetrachlorotoluene	76057-12-0	-	0.2	mg/kg	ND
2,3,4,6-Tetrachlorotoluene	875-40-1	-	0.2	mg/kg	ND
2,3,5,6- Tetrachlorotoluene	1006-31-1	-	0.2	mg/kg	ND
Pentachlorotoluene	877-11-2	-	0.2	mg/kg	ND
1,3-Dichlorobenzene	541-73-1	-	0.2	mg/kg	ND
1,4-Dichlorobenzene	106-46-7	-	0.2	mg/kg	ND
1,2,3-Trichlorobenzene	87-61-6	-	0.2	mg/kg	ND
1,2,4-Trichlorobenzene	120-82-1	-	0.2	mg/kg	ND
1,3,5-Trichlorobenzene	108-70-3	-	0.2	mg/kg	ND
1,2,3,4-Tetrachlorobenzene	634-66-2	-	0.2	mg/kg	ND
1,2,3,5-Tetrachlorobenzene	634-90-2	-	0.2	mg/kg	ND
1,2,4,5-Tetrachlorobenzene	95-94-3	-	0.2	mg/kg	ND
Pentachlorobenzene	608-93-5	-	0.2	mg/kg	ND
Hexachlorobenzene	118-74-1	-	0.2	mg/kg	ND
p-Chlorobenzotrichloride	5216-25-1	-	0.2	mg/kg	ND
Benzotrichloride	98-07-7	-	0.2	mg/kg	ND
Benzyl Chloride	100-44-7	-	0.2	mg/kg	ND
1,2-Dichlorobenzene	95-50-1	Max. 10.0	1.0	mg/kg	ND
Sum		Max. 1.0	-	mg/kg	ND

### Conclusion

**PASS**

### Disperse Dyes

Test Method : With reference to DIN 54231:2022, analysis was performed by HPLC-DAD-MSD.

<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>
Disperse Blue 1	2475-45-8	Max. 30.0	15.0	mg/kg	ND
Disperse Blue 106	12223-01-7	Max. 30.0	15.0	mg/kg	ND
Disperse Blue 124	61951-51-7	Max. 30.0	15.0	mg/kg	ND
Disperse Orange 3	730-40-5	Max. 30.0	15.0	mg/kg	ND
Disperse Orange 11	82-28-0	Max. 30.0	15.0	mg/kg	ND
Disperse Orange37/59/76	12223-33-5	Max. 30.0	15.0	mg/kg	ND
Disperse Orange37/59/76	13301-61-6	Max. 30.0	15.0	mg/kg	ND
Disperse Orange37/59/76	51811-42-8	Max. 30.0	15.0	mg/kg	ND
Disperse Red 1	2872-52-8	Max. 30.0	15.0	mg/kg	ND

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<u>Test Item(s)</u>	<u>CAS-NO.</u>	<u>Client Requeriment</u>	<u>RL</u>	<u>Unit</u>	<u>Result</u>
Disperse Yellow 3	2832-40-8	Max. 30.0	15.0	mg/kg	ND
Acid Red 26	3761-53-3	Max. 30.0	15.0	mg/kg	ND
Basic Red 9	569-61-9	Max. 30.0	15.0	mg/kg	ND
Basic Violet 14	632-99-5	Max. 30.0	15.0	mg/kg	ND
Direct Black 38	1937-37-7	Max. 30.0	15.0	mg/kg	ND
Direct Blue 6	2602-46-2	Max. 30.0	15.0	mg/kg	ND
Disperse Blue 35	12222-75-2	Max. 30.0	15.0	mg/kg	ND
Disperse Blue 3	2475-46-9	Max. 30.0	15.0	mg/kg	ND
Disperse Blue 7	3179-90-6	Max. 30.0	15.0	mg/kg	ND
Disperse Blue 26	3860-63-7	Max. 30.0	15.0	mg/kg	ND
Disperse Blue 35A	56524-77-7	Max. 30.0	15.0	mg/kg	ND
Disperse Blue 35B	56524-76-6	Max. 30.0	15.0	mg/kg	ND
Disperse Blue 102	12222-97-8	Max. 30.0	15.0	mg/kg	ND
Disperse Brown 1	23355-64-8	Max. 30.0	15.0	mg/kg	ND
Disperse Orange 1	2581-69-3	Max. 30.0	15.0	mg/kg	ND
Disperse Orange149	85136-74-9	Max. 30.0	15.0	mg/kg	ND

### Conclusion

**PASS**

### Formaldehyde

Test Method : With reference to ISO 14184-1: 2011; analysis was performed by UV-Vis.

<u>Test Item(s)</u>	<u>CAS-NO.</u>	<u>Client Requeriment</u>	<u>RL</u>	<u>Unit</u>	<u>Result</u>
Formaldehyde	50-00-0	Max. 16.00	16.00	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 Requeriment</u>	<u>RL</u>	<u>Unit</u>	<u>Result</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.

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

### Organotin Compounds

Test Method : With reference to ISO 16179:2012, analysis was performed by GC-MS

<u>Test Item(s)</u>	<u>CAS-NO.</u>	<u>Client</u>			<u>Result</u>
		<u>Requeriment</u>	<u>RL</u>	<u>Unit</u>	
Dibutyl tin (DBT)	1002-53-5	Max. 1.00	0.10	mg/kg	ND
Diocetyl tin (DOT)	15231-44-4	Max. 1.00	0.10	mg/kg	ND
Monobutyl tin (MBT)	78763-54-9	Max. 1.00	0.10	mg/kg	ND
Tricyclohexyl tin (TCyHT)	892-20-6	Max. 1.00	0.10	mg/kg	ND
Trimethyltin (TMT)		Max. 1.00	0.10	mg/kg	ND
Triocetyl tin (TOT)	869-59-0	Max. 1.00	0.10	mg/kg	ND
Tripropyltin (TPT)		Max. 1.00	0.10	mg/kg	ND
Tributyl tin (TBT)	688-73-3	Max. 0.10	0.10	mg/kg	ND
Triphenyl tin (TPhT)	892-20-6	Max. 0.50	0.10	mg/kg	ND
<b>Conclusion</b>				<b>PASS</b>	

### Phthalates

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

<u>Test Item(s)</u>	<u>CAS-NO.</u>	<u>Client</u>			<u>Result</u>
		<u>Requeriment</u>	<u>RL</u>	<u>Unit</u>	
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

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Test Item(s)	CAS-NO.	Client			Result
		Requeriment	RL	Unit	
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
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

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<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>
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
<b>Conclusion</b>					<b>PASS</b>

### Quinoline

Test Method : DIN 54231:2005, Analysis was conducted by LCMS/DAD

<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>
Quinoline	91-22-6	Max. 50	10	mg/kg	ND
<b>Conclusion</b>					<b>PASS</b>

### 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
<b>Conclusion</b>					<b>PASS</b>

### pH Value

Test Method : With reference to BS ISO 3071:2020.

<u>Test Item(s)</u>	<u>Client</u> <u>Requeriment</u>	<u>RL</u>	<u>Unit</u>	<u>Result</u> <u>002</u>
pH Value of Aqueous Extract	4.00 - 7.50	-	-	6.42
<b>Conclusion</b>				<b>PASS</b>

<u>Test Item(s)</u>	<u>Client</u> <u>Requeriment</u>	<u>RL</u>	<u>Unit</u>	<u>Result</u> <u>003</u>
pH Value of Aqueous Extract	4.00 - 7.50	-	-	7.07
<b>Conclusion</b>				<b>PASS</b>

<u>Test Item(s)</u>	<u>Client</u> <u>Requeriment</u>	<u>RL</u>	<u>Unit</u>	<u>Result</u> <u>004</u>
pH Value of Aqueous Extract	4.00 - 7.50	-	-	7.17

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<u>Test Item(s)</u>	<u>Client</u> <u>Requeriment</u>	<u>RL</u>	<u>Unit</u>	<u>Result</u> <u>004</u>
<b>Conclusion</b>				<b>PASS</b>

**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.

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