



Date: Barueri, 27 Abr 2017

Relatório de Ensaios

No. BR1500251 Rev. 1

Pag.1 de 5

DISTRISUPRI DISTRIBUIDORA E COMÉRCIO LTDA - ME
RUA JORGE TIBIRIÇA, 2474
PARQUE INDUSTRIAL
SÃO JOSÉ DO RIO PRETO/SP
CEP:15025-060

**** Este relatório anula e substitui o Relatório No. BR1500251 emitido pela SGS em 07/05/15 ****

SGS Ordem No. : 4520-00005548-001
Condição de recebimento da amostra na SGS : Caixa
Total de Amostras Recebidas : 1 Amostra
Data de Recebimento da Amostra: 21 Jan 2015
Período de análise : 14 Abr 2015 - 06 Maio 2015
Teste Solicitado : Teste(s) selecionado(s) conforme solicitado pelo cliente.
Método de ensaio : Consulte a(s) página(s) seguinte(s).
Resultados dos Ensaios : Consulte a(s) página(s) seguinte(s).

Os resultados reportados referem-se somente às amostras submetidas aos ensaios.

Assina em nome da
SGS do Brasil Ltda.



Simone da Costa Morgado dos Reis
Gerente de Laboratório CRQ 04261979



Arley Santos Ferreira Leite
Supervisor de Laboratório CRQ 04471856

This document is issued by the Company under its General Conditions of Service available on request and accessible at http://www.br.sgs.com/pt_br/consumer_testing_br?lobId=1602. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not ex parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 40 days only. This document cannot be reproduced in full, without prior written approval of the Company.

Relatório de Ensaios

No. BR1500251 Rev. 1

Pag.2 de 5

Resultados dos Ensaios :

Descrição das Amostras

Item No.	SGS ID Amostra	Descrição
1	BR1500251.001	Cartucho de Tinta para Impressora Jato de Tinta - DSI (CARÇAÇA)
2	BR1500251.002	Cartucho de Tinta para Impressora Jato de Tinta - DSI (TINTA)

Determinação de Chumbo, Cádmio e Mercúrio em Polímeros, Metais e Eletrônicos por ICP-OES

Metodologia Referenciado nas IEC 62321-7, 8, 9 e 10:2008, análise realizada por ICP-OES.

Item(s) de Teste	Limite	Unid.	MQL	001
Cádmio (Cd)	Max. 100,00	mg/kg	0,01	ND
Mercúrio (Hg)	Max. 1000,00	mg/kg	0,05	ND
Chumbo (Pb)	Max. 1000,00	mg/kg	0,16	ND
Item(s) de Teste	Limite	Unid.	MQL	002
Cádmio (Cd)	Max. 100,00	mg/kg	0,01	ND
Mercúrio (Hg)	Max. 1000,00	mg/kg	0,05	ND
Chumbo (Pb)	Max. 1000,00	mg/kg	0,16	7,88

Determinação de Cromo Hexavalente em Polímeros e Eletrônicos por Método Colorimétrico

Metodologia Referenciado na IEC 62321:2008 e IEC 62321-7-1:2015, análise realizada por UV-VIS.

Item(s) de Teste	Limite	Unid.	MQL	001
Cromo Hexavalente	Max. 1000,00	mg/kg	2,00	ND
Item(s) de Teste	Limite	Unid.	MQL	002
Cromo Hexavalente	Max. 1000,00	mg/kg	2,00	ND

Determinação de PBB e PBDE em Polímeros por GC-MS

Metodologia Referenciado na IEC 62321A:2008, análise realizada por GC-MS.

Item(s) de Teste	Limite	Unid.	MQL	001
Monobromobifenil	-	mg/kg	5,00	ND
Dibromobifenil	-	mg/kg	5,00	ND
Tribromobifenil	-	mg/kg	5,00	ND
Tetrabromobifenil	-	mg/kg	5,00	ND
Pentabromobifenil	-	mg/kg	5,00	ND
Hexabromobifenil	-	mg/kg	5,00	ND

This document is issued by the Company under its General Conditions of Service available on request and accessible at http://www.br.sgs.com/pt_br/consumer_testing_br?lobId=1602f. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not ex parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 40 days only. This document cannot be reproduced in full, without prior written approval of the Company.

Relatório de Ensaios

No. BR1500251 Rev. 1

Pag.3 de 5

<u>Item(s) de Teste</u>	<u>Limite</u>	<u>Unid.</u>	<u>MQL</u>	<u>001</u>
Hexabromobifenil	-	mg/kg	5,00	ND
Heptabromobifenil	-	mg/kg	5,00	ND
Octabromobifenil	-	mg/kg	5,00	ND
Nonabromobifenil	-	mg/kg	5,00	ND
Decabromobifenil	-	mg/kg	5,00	ND
Soma dos PBBs	Max. 1000,00	mg/kg	5,00	ND
Monobromodifenil Eter	-	mg/kg	5,00	ND
DiBromoDifenil Eter	-	mg/kg	5,00	ND
Tribromodifenil Eter	-	mg/kg	5,00	ND
Tetrabromobifenil Eter	-	mg/kg	5,00	ND
Pentabromodifenil Eter	-	mg/kg	5,00	ND
Hexabromodifenil Eter	-	mg/kg	5,00	ND
Hexabromodifenil Eter	-	mg/kg	5,00	ND
Heptabromodifenil Eter	-	mg/kg	5,00	ND
Octabromodifenil Eter	-	mg/kg	5,00	ND
Nonabromodifenil Eter	-	mg/kg	5,00	ND
Nonabromodifenil Eter	-	mg/kg	5,00	ND
Nonabromodifenil Eter	-	mg/kg	5,00	ND
Decabromodifenil Eter	-	mg/kg	5,00	ND
Soma dos PBDEs	Max. 1000,00	mg/kg	5,00	ND

<u>Item(s) de Teste</u>	<u>Limite</u>	<u>Unid.</u>	<u>MQL</u>	<u>002</u>
Monobromobifenil	-	mg/kg	5,00	ND
Dibromobifenil	-	mg/kg	5,00	ND
Tribromobifenil	-	mg/kg	5,00	ND
Tetrabromobifenil	-	mg/kg	5,00	ND
Pentabromobifenil	-	mg/kg	5,00	ND
Hexabromobifenil	-	mg/kg	5,00	ND
Heptabromobifenil	-	mg/kg	5,00	ND
Octabromobifenil	-	mg/kg	5,00	ND
Nonabromobifenil	-	mg/kg	5,00	ND
Decabromobifenil	-	mg/kg	5,00	ND
Soma dos PBBs	Max. 1000,00	mg/kg	5,00	ND
Monobromodifenil Eter	-	mg/kg	5,00	ND
DiBromoDifenil Eter	-	mg/kg	5,00	ND
Tribromodifenil Eter	-	mg/kg	5,00	ND
Tetrabromobifenil Eter	-	mg/kg	5,00	ND
Pentabromodifenil Eter	-	mg/kg	5,00	ND
Hexabromodifenil Eter	-	mg/kg	5,00	ND
Hexabromodifenil Eter	-	mg/kg	5,00	ND
Heptabromodifenil Eter	-	mg/kg	5,00	ND
Octabromodifenil Eter	-	mg/kg	5,00	ND
Nonabromodifenil Eter	-	mg/kg	5,00	ND
Nonabromodifenil Eter	-	mg/kg	5,00	ND
Nonabromodifenil Eter	-	mg/kg	5,00	ND
Decabromodifenil Eter	-	mg/kg	5,00	ND
Soma dos PBDEs	Max. 1000,00	mg/kg	5,00	ND

This document is issued by the Company under its General Conditions of Service available on request and accessible at http://www.br.sgs.com/pt_br/consumer_testing_br?lobId=1602f. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not ex parte to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 40 days only. This document cannot be reproduced in full, without prior written approval of the Company.

Relatório de Ensaios

No. BR1500251 Rev. 1

Pag.4 de 5

Nota :

- (1) MQL = Limite de Quantificação do Método
- (2) ND = Não Detectado (< MQL)
- (3) "-" = Não Analisado
- (4) "--" = Análises em Processo

Observações :

Revisão 01: Realizado alteração de endereço conforme solicitação do cliente.

Opiniões e Interpretações :

Baseado nos testes executados na amostra, o resultado **atende** aos requisitos estabelecidos pela Directiva RoHS 2011/65/EU e suas emendas subsequentes, para os ensaios realizados.

AVISO: As opiniões e interpretações expressas abaixo são aplicáveis somente para os ensaios em que os parâmetros de especificação estão inclusos nesse relatório e também não fazem parte do nosso escopo de acreditação.

Resumo de Resultados :

Teste Solicitado :	Método de Ensaio	Avaliação
Determinação de Chumbo, Cádmi e Mercúrio em Polímeros, Metais e Eletrônicos por ICP-OES	Referenciado nas IEC 62321-7, 8, 9 e 10:2008, análise realizada por ICP-OES.	Atende
Determinação de Cromo Hexavalente em Polímeros e Eletrônicos por Método Colorimétrico	Referenciado na IEC 62321:2008 e IEC 62321-7-1:2015, análise realizada por UV-VIS.	Atende
Determinação de PBB e PBDE em Polímeros por GC-MS	Referenciado na IEC 62321A:2008, análise realizada por GC-MS.	Atende

This document is issued by the Company under its General Conditions of Service available on request and accessible at http://www.br.sgs.com/pt_br/consumer_testing_br?lobId=1602. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not ex parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of document is unlawful and offenders may be prosecuted to the fullest extent of the law.

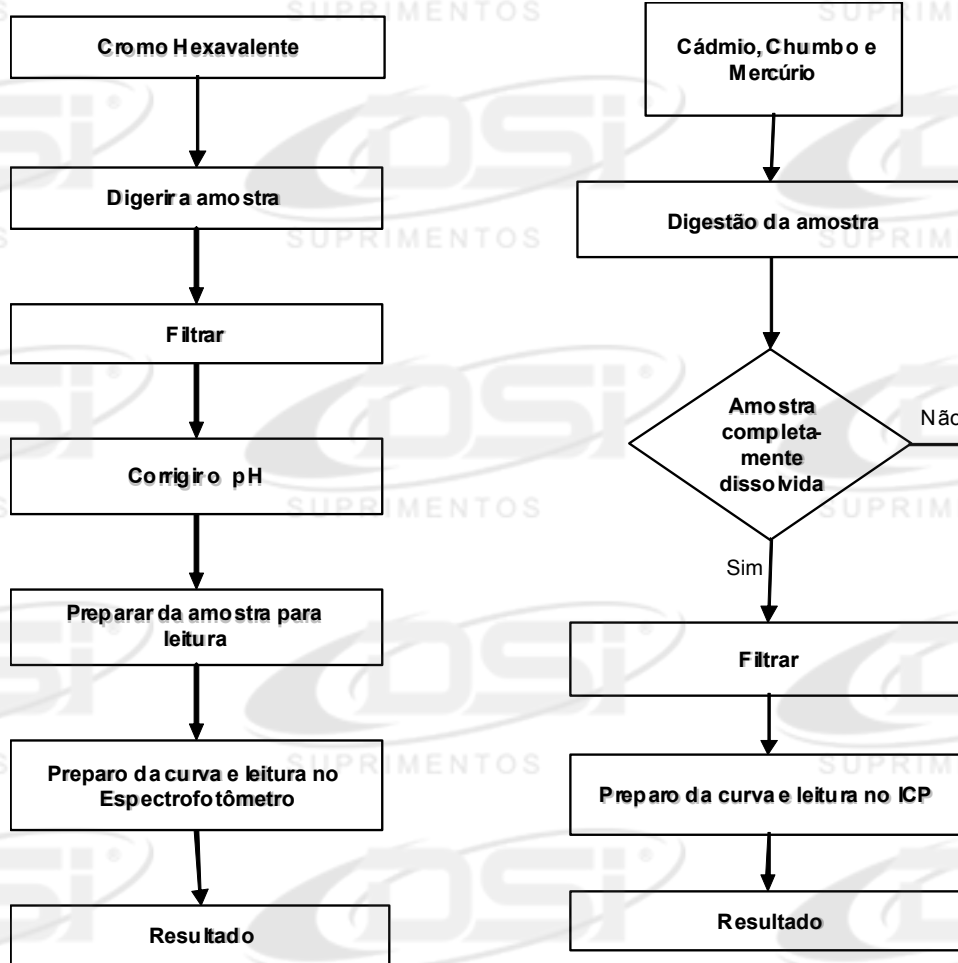
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 40 days only. This document cannot be reproduced in full, without prior written approval of the Company.

Relatório de Ensaios

No. BR1500251 Rev. 1

Pag.5 de 5

Amostra foi totalmente digerida e dissolvida pelo método de pre-condicionamento conforme fluxo abaixo.



*** Final do Relatório ***

This document is issued by the Company under its General Conditions of Service available on request and accessible at http://www.br.sgs.com/pt_br/consumer_testing_br?lobId=1602. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not ex parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 40 days only. This document cannot be reproduced in full, without prior written approval of the Company.