

Rosset Artes Gráficas e Editora S.A

Raposo Tavares, S/N - Jardim Bandeirantes - São Paulo  
SP Brasil

SGS Ordem No. : 4510-31972-2

**SGS ID Amostra** BR1801088.001

**Descrição** ITEM B - Praticup ( Verniz + Papel Cartão + PE) - (Copo)

Número da Proposta : CRS L 34186.57899.18 REV.01

Total de Amostras Recebidas : 28 Amostras

Condição de recebimento da amostra na Caixa

SGS :

Marca : Rosset

Data de Fabricação da Amostra : 19/02/2018

Data da Amostragem : 27/02/2018

Pais de Origem : Brasil

Número do Lote : 12520-6

Fabricante : Rosset

Alimento/Bebida em Contato : Sorvete / Alimentos Gordurosos / Alimentos em Geral

Data de Recebimento da Amostra: 05 Mar 2018

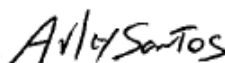
Período de análise : 06 Mar 2018 - 29 Mar 2018

Teste Solicitado : Teste(s) selecionado(s) conforme solicitado pelo cliente.

Descrição das Amostras : Consulte a(s) página(s) seguinte(s).

Método de ensaio : Consulte a(s) página(s) seguinte(s).

Resultados dos Ensaios : Consulte a(s) página(s) seguinte(s).

Assina em nome da  
SGS do Brasil Ltda.Simone da Costa Morgado dos Reis  
Gerente de Laboratório CRQ 04261979Arley Santos Ferreira Leite  
Supervisor de Laboratório CRQ 04471856

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## Resultados dos Ensaios :

Descrição das Amostras

Item No.	SGS ID Amostra	Descrição
1	BR1801088.001	ITEM B - Praticup ( Verniz + Papel Cartão + PE) - (Copo)
2	BR1801088.002	ITEM B - Praticup ( Verniz + Papel Cartão + PE) - (Papel cartão)

Migração Total - Solução Aquosa 95% Etanol (v/v)

Metodologia : CRS 2441/13 rev04; EN 1186:2002  
Legislação : Resoluções RDC ANVISA nº 51 de 2010 e RDC ANVISA nº 105, 1999  
Notas : Solução Aquosa 95% Etanol (v/v) = Simulante D - Simulante de Alimentos Gordurosos  
As incertezas expandidas foram calculadas considerando k=2 e intervalo de confiança de aproximadamente 95%.

**ID Amostra :BR1801088.001** ITEM B - Praticup ( Verniz + Papel Cartão + PE) - (Copo)

Simulante Usado : Solução Aquosa 95% Etanol (v/v)  
Condição de Teste : 40 °C 2,00 hr

<u>Item(s) de Teste</u>	<u>Especificação</u>	<u>Unid.</u>	<u>MQL</u>	<u>Resultado</u>	<u>Incerteza</u>
Migração Total	Max. 50,000	mg/kg	5,000	ND	NA

Migração de Substâncias que Conferem Cor - Solução Aquosa 95% Etanol (v/v)

Metodologia : Método In house CTS 2441/03  
Legislação : Resolução RDC ANVISA nº 52 de 2010  
Notas : Solução Aquosa 95% Etanol (v/v) = Simulante D - Simulante de Alimentos Gordurosos  
As incertezas expandidas foram calculadas considerando k=2 e intervalo de confiança de aproximadamente 95%.

**ID Amostra :BR1801088.001** ITEM B - Praticup ( Verniz + Papel Cartão + PE) - (Copo)

Simulante Usado : Solução Aquosa 95% Etanol (v/v)  
Condição de Teste : 40 °C 2,00 hr

<u>Item(s) de Teste</u>	<u>Especificação</u>	<u>Unid.</u>	<u>MQL</u>	<u>Resultado</u>	<u>Incerteza</u>
Migração de substâncias que Conferem Cor	Não confere cor	-	-	Não Confere Cor	NA

Migração Total - n-Heptano

Metodologia : CRS 2792/15 rev02.  
Legislação : Resolução RDC ANVISA nº 88 de 2016.  
As incertezas expandidas foram calculadas considerando k=2 e intervalo de confiança de aproximadamente 95%.

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**ID Amostra :BR1801088.001** ITEM B - Praticup ( Verniz + Papel Cartão + PE) - (Copo)

Simulante Usado : n-Heptano  
 Condição de Teste : 20 °C 0,25 hr

<u>Item(s) de Teste</u>	<u>Especificação</u>	<u>Unid.</u>	<u>MLQ</u>	<u>Resultado</u>	<u>Incerteza</u>
Migração Total	Max. 8,000	mg/dm <sup>2</sup>	2,000	ND	NA

**Bifenilas Policloradas em Extratos Aquosos**

Metodologia : CRS 2543/14 rev01; EN ISO 15318:2000

Legislação : Resolução RDC ANVISA nº 88 de 2016.

As incertezas expandidas foram calculadas considerando k=2 e intervalo de confiança de aproximadamente 95%.

**ID Amostra :BR1801088.002** ITEM B - Praticup ( Verniz + Papel Cartão + PE) - (Papel cartão)

<u>Item(s) de Teste</u>	<u>CAS NO.</u>	<u>Especificação</u>	<u>Unid.</u>	<u>MLQ</u>	<u>Resultado</u>	<u>Incerteza</u>
2.4.4'-Triclorobifenil (PCB 18)	7012-37-5	-	mg/kg	0,25	ND	NA
2.4.4'-Triclorobifenil (PCB 28)	7012-37-5	-	mg/kg	0,25	ND	NA
2.2'.5.5'-Tetracloro-bifenil (PCB 52)	35693-99-3	-	mg/kg	0,25	ND	NA
2.2'.4.5.5'-Pentacloro-bifenil (PCB 101)	37680-73-2	-	mg/kg	0,25	ND	NA
2.2'.3.4.4'.5'-Hexacloro-bifenil (PCB 138)	35065-28-2	-	mg/kg	0,25	ND	NA
2.2'.4.4'.5.5'-Hexacloro-bifenil (PCB 153)	35065-27-1	-	mg/kg	0,25	ND	NA
2.2'.3.4.4'.5.5'-Heptaclorobifenil (PCB 180)	35065-29-3	-	mg/kg	0,25	ND	NA
Soma dos PCB		Max. 5,00	mg/kg	0,25	ND	NA

**Pentaclorofenol em Extratos Aquosos**

Metodologia : CRS 2522/13 rev01; EN ISO 15320:2011

Legislação : Resolução RDC ANVISA nº 88 de 2016.

As incertezas expandidas foram calculadas considerando k=2 e intervalo de confiança de aproximadamente 95%.

**ID Amostra :BR1801088.002** ITEM B - Praticup ( Verniz + Papel Cartão + PE) - (Papel cartão)

<u>Item(s) de Teste</u>	<u>CAS NO.</u>	<u>Especificação</u>	<u>Unid.</u>	<u>MLQ</u>	<u>Resultado</u>	<u>Incerteza</u>
Pentaclorofenol	87-86-5	Max. 0,150	mg/kg	0,025	ND	NA

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**Migração Específica de Metais - Solução Aquosa 3% de Ácido Acético (v/v)**

Metodologia : CRS 2440/13 rev05; EN 13130:2004

Legislação : Resolução RDC ANVISA nº 52 de 2010

As incertezas expandidas foram calculadas considerando k=2 e intervalo de confiança de aproximadamente 95%.

**ID Amostra :BR1801088.001** ITEM B - Praticup ( Verniz + Papel Cartão + PE) - (Copo)

Simulante Usado : Solução Aquosa 3% de Ácido Acético (v/v)

Condição de Teste : 40 °C 2,00 hr

<u>Item(s) de Teste</u>	<u>CAS NO.</u>	<u>Especificação</u>	<u>Unid.</u>	<u>MQL</u>	<u>Resultado</u>	<u>Incerteza</u>
Antimônio (Sb)	7440-36-0	Max. 0,040	mg/kg	0,005	ND	NA
Arsênio (As)	7440-38-2	Max. 0,010	mg/kg	0,005	ND	NA
Bário (Ba)	7440-39-3	Max. 1,000	mg/kg	0,005	ND	NA
Boro (B)	7440-42-8	Max. 0,500	mg/kg	0,005	ND	NA
Cádmio (Cd)	7440-43-9	Max. 0,010	mg/kg	0,005	ND	NA
Zinco (Zn)	7440-66-6	Max. 25,000	mg/kg	0,005	ND	NA
Cobre (Cu)	7440-50-8	Max. 5,000	mg/kg	0,005	ND	NA
Cromo (Cr)	7440-47-3	Max. 0,050	mg/kg	0,005	ND	NA
Estanho (Sn)	7440-31-5	Max. 1,200	mg/kg	0,005	ND	NA
Mercúrio (Hg)	7439-97-6	Max. 0,010	mg/kg	0,005	ND	NA
Prata (Ag)	7440-22-4	Max. 0,050	mg/kg	0,005	ND	NA
Chumbo (Pb)	7439-92-1	Max. 0,010	mg/kg	0,005	ND	NA

**Determinação de metais, no extrato aquoso.**

Metodologia : BS EN645, BS EN12498 e BS EN12497

Legislação : Resolução RDC ANVISA nº 88 de 2016

As incertezas expandidas foram calculadas considerando k=2 e intervalo de confiança de aproximadamente 95%.

**ID Amostra :BR1801088.001** ITEM B - Praticup ( Verniz + Papel Cartão + PE) - (Copo)

<u>Item(s) de Teste</u>	<u>CAS NO.</u>	<u>Especificação</u>	<u>Unid.</u>	<u>MQL</u>	<u>Resultado</u>	<u>Incerteza</u>
Cádmio (Cd)	7440-43-9	Max. 0,500	mg/kg	0,004	ND	NA
Mercúrio (Hg)	7439-97-6	Max. 0,300	mg/kg	0,004	ND	NA
Chumbo (Pb)	7439-92-1	Max. 3,000	mg/kg	0,004	ND	NA

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**Migração Específica de Flúor - Solução Aquosa 3% de Ácido Acético (v/v)**

Metodologia : CRS 2440/13 rev05; EN 13130:2004

Legislação : Resolução RDC ANVISA nº 52 de 2010

As incertezas expandidas foram calculadas considerando k=2 e intervalo de confiança de aproximadamente 95%.

**ID Amostra :BR1801088.001** ITEM B - Praticup ( Verniz + Papel Cartão + PE) - (Copo)

Simulante Usado : Solução Aquosa 3% de Ácido Acético (v/v)

Condição de Teste : 40 °C 2,00 hr

Item(s) de Teste	CAS NO.	Especificação	Unid.	MQL	Resultado	Incerteza
Flúor (F)	7782-41-4	Max. 0,500	mg/kg	0,050	ND	NA

Nota :

(1) MQL = Limite de Quantificação do Método

(2) ND = Não Detectado ( < MQL )

(3) NA = Não Aplicável

(4) "-" = Não Analisado

(5) "--" = Análises em Processo

**Observações :**

As análises no material foram realizadas de acordo com as informações fornecidas pelo cliente, sendo assim é de total responsabilidade do cliente a constatação de que a formulação do material atende as Listas Positivas e, quando pertinente, a realização de ensaios complementares, de acordo com a legislação vigente.

Os resultados reportados referem-se somente às amostras submetidas aos ensaios. A SGS não se responsabiliza pelas informações a respeito da composição da amostra e seus dados de fabricação. As mesmas são de responsabilidade exclusiva do cliente e não fazem parte do escopo de serviço da SGS do Brasil LTDA.

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Resumo de Resultados :

Teste Solicitado :	Legislação	Avaliação
Migração Total - n-Heptano	Resolução RDC ANVISA nº 88 de 2016.	Atende
Migração Total - Solução Aquosa 95% Etanol (v/v)	Resoluções RDC ANVISA nº 51 de 2010 e RDC ANVISA nº 105, 1999	Atende
Migração de Substâncias que Conferem Cor - Solução Aquosa 95% Etanol (v/v)	Resolução RDC ANVISA nº 52 de 2010	Atende
Bifenilas Policloradas em Extratos Aquosos	Resolução RDC ANVISA nº 88 de 2016.	Atende
Determinação de metais, no extrato aquoso.	Resolução RDC ANVISA nº 88 de 2016	Atende

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Pentaclorofenol em Extratos Aquosos	Resolução RDC ANVISA nº 88 de 2016.	Atende
Migração Específica de Metais - Solução Aquosa 3% de Ácido Acético (v/v)	Resolução RDC ANVISA nº 52 de 2010	Atende
Migração Específica de Flúor - Solução Aquosa 3% de Ácido Acético (v/v)	Resolução RDC ANVISA nº 52 de 2010	Atende

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\*\*\* Final do Relatório \*\*\*

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