

## Test Report

No. BR2200368 Rev. 0

Date: Barueri, 21 Feb 2022

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SERVICO NACIONAL DE APRENDIZAGEM INDUSTRIAL SENAI  
RUA GREGORIO DE MATTOS  
111  
ESTANCIA VELHA, RS 93600010  
BRAZIL

The following sample(s) was/were submitted and identified on behalf of the buyer as: REFORÇO SPL160R BCO  
- COR PRETO 21290313098-01/01

SGS Order No. : 40022676  
Total of Sample : 01 Sample  
Client : Quimicouros Indústria Comércio e Representações LTDA  
**The informations above was provided by or on behalf of the customer.**  
Proposal Number : PR21-305850 REV00  
Sample Receiving Date : 26 Jan 2022  
Test Performing Period : 27 Jan 2022 - 18 Feb 2022  
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

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 :

### Test Part Description :

Item No.	SGS Sample ID	Description
1	BR2200368.001	REFORÇO SPL160R BCO - COR PRETO 21290313098-01/01

### Disperse Dyes

Test Method : With reference to DIN 54231:2005, analysis was performed by HPLC-DAD-MSD.

Test Item(s)	CAS-NO.	Limit	RL	Unit	Result	Uncertainty
					001	
Navy Blue	118685-33-9	Max. 50.0	15.0	mg/kg	ND	NA
Disperse Blue 1	2475-45-8	Max. 50.0	15.0	mg/kg	ND	NA
Disperse Blue 3	2475-46-9	Max. 50.0	15.0	mg/kg	ND	NA
Disperse Blue 7	3179-90-6	Max. 50.0	15.0	mg/kg	ND	NA
Disperse Blue 26	3860-63-7	Max. 50.0	15.0	mg/kg	ND	NA
Disperse Blue 106	12223-01-7	Max. 50.0	15.0	mg/kg	ND	NA
Disperse Blue 124	61951-51-7	Max. 50.0	15.0	mg/kg	ND	NA
Disperse Brown 1	23355-64-8	Max. 50.0	15.0	mg/kg	ND	NA
Disperse Orange 1	2581-69-3	Max. 50.0	15.0	mg/kg	ND	NA
Disperse Orange 3	730-40-5	Max. 50.0	15.0	mg/kg	ND	NA
Disperse Orange 11	82-28-0	Max. 50.0	15.0	mg/kg	ND	NA
Disperse Orange37/59/76	51811-42-8	Max. 50.0	15.0	mg/kg	ND	NA
Disperse Orange37/59/76	12223-33-5	Max. 50.0	15.0	mg/kg	ND	NA
Disperse Orange37/59/76	13301-61-6	Max. 50.0	15.0	mg/kg	ND	NA
Disperse Orange149	85136-74-9	Max. 50.0	15.0	mg/kg	ND	NA
Disperse Red 1	2872-52-8	Max. 50.0	15.0	mg/kg	ND	NA
Disperse Red 11	2872-48-2	Max. 50.0	15.0	mg/kg	ND	NA
Disperse Red 17	3179-89-3	Max. 50.0	15.0	mg/kg	ND	NA
Disperse Red 151	61968-47-6	Max. 50.0	15.0	mg/kg	ND	NA
Disperse Yellow 1	119-15-3	Max. 50.0	15.0	mg/kg	ND	NA
Disperse Yellow 3	2832-40-8	Max. 50.0	15.0	mg/kg	ND	NA
Disperse Yellow 7	6300-37-4	Max. 50.0	15.0	mg/kg	ND	NA
Disperse Yellow 9	6373-73-5	Max. 50.0	15.0	mg/kg	ND	NA
Disperse Yellow 23	6250-23-3	Max. 50.0	15.0	mg/kg	ND	NA
Disperse Yellow 39	12236-29-2	Max. 50.0	15.0	mg/kg	ND	NA
Disperse Yellow 49	54824-37-2	Max. 50.0	15.0	mg/kg	ND	NA
Disperse Yellow 56	54077-16-6	Max. 50.0	15.0	mg/kg	ND	NA
Acid Red 26	3761-53-3	Max. 50.0	15.0	mg/kg	ND	NA
Basic Red 9	569-61-9	Max. 50.0	15.0	mg/kg	ND	NA
Basic Green 4	10309-95-2	Max. 50.0	15.0	mg/kg	ND	NA
Basic Green 4	2437-29-8	Max. 50.0	15.0	mg/kg	ND	NA

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Test Item(s)	CAS-NO.	Limit	RL	Unit	Result	
					001	Uncertainty
Basic Green 4	569-64-2	Max. 50.0	15.0	mg/kg	ND	NA
Basic Violet 3	548-62-9	Max. 50.0	15.0	mg/kg	ND	NA
Basic Violet 14	632-99-5	Max. 50.0	15.0	mg/kg	ND	NA
Basic Blue 26	2580-56-5	Max. 50.0	15.0	mg/kg	ND	NA
Direct Black 38	1937-37-7	Max. 50.0	15.0	mg/kg	ND	NA
Direct Blue 6	2602-46-2	Max. 50.0	15.0	mg/kg	ND	NA
Direct Red 28	573-58-0	Max. 50.0	15.0	mg/kg	ND	NA
Direct brown 95	16071-86-6	Max. 50.0	15.0	mg/kg	ND	NA
Solvent Yellow 2	60-11-7	Max. 50.0	15.0	mg/kg	ND	NA
Solvent Blue 4	6786-83-0	Max. 50.0	15.0	mg/kg	ND	NA
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	Max. 50.0	15.0	mg/kg	ND	NA
Disperse Blue 102	12222-97-8	Max. 50.0	15.0	mg/kg	ND	NA

- For expanded uncertainty considered k=2 and approximately 95% level of confidence.

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.**

Summary of Test Result:

Test Parameter	Test Method	Evaluation
Disperse Dyes	With reference to DIN 54231:2005, analysis was performed by HPLC-DAD-MSD.	PASS

\*\*\* 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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