



## Test Report

No. 4477878-CH01

Date: October 1, 2019

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Gallant International Inc.  
23352 Madero Suite L  
Mission Viejo, CA 92691  
United States

The following sample(s) was/were submitted  
and identified by/on behalf of the client as:

Organic Cotton Drawstring Bag/Muslin Bag 5 oz.  
Color: Natural  
Sample/Style No.: Muslin/Drawstring Bag-1

Sample Received Date:

8/22/2019

Testing Period

8/22/2019 – 10/1/2019

Test Requested : Please refer to the result summary.

Test Method & Results : Please refer to next page(s).

Result Summary :

Test Requested	Conclusion
1. Perfluorinated Compounds (PFCs)	See Test Results
2. US Model Toxics in Packaging Legislation (TPCH: Toxics in Packaging Clearing House) (formerly drafted by CONEG) – Total Lead, Cadmium, Mercury and Hexavalent Chromium Content	PASS
3. Pesticides – USDA Organic Profile	See Test Results

Signed for and on behalf of SGS North America, Inc.

Prepared By:

Jennifer Valal  
Laboratory Manager, Chemistry Laboratory

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**1. Perfluorinated Compounds (PFCs)**

Test Method: In-house method. Analysis was performed by LC-MS.

Test Item	CAS-No.	Results (mg/kg)
		1
Perfluorobutane Acid (PFBA)	375-22-4	ND
Perfluorobutane Sulfonate (PFBS)	375-73-5	4.08
Perfluoropentane Acid (PFPA)	2706-90-3	ND
Perfluorohexane Acid (PFHxA)	307-24-4	ND
Perfluorohexane Sulfonate (PFHxS)	355-46-4	ND
Perfluoroheptane Acid (PFHpA)	375-85-9	9.76
Perfluoroheptane Sulfonate (PFHpS)	375-92-8	ND
Perfluorooctanoic Acid (PFOA)	335-67-1	ND
Perfluorooctane Sulfonate (PFOS)^	Various	ND
Perfluorooctane Sulfonamide (PFOSA)	754-91-6	ND
2-(N-methylperfluoro-1-octanesulfonamido) - ethanol (MeFOSE)	24448-09-7	ND
2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol (EtFOSE)	1691-99-2	ND
N-methylperfluoro-1-octanesulfonamide (MeFOSA)	31506-32-8	ND
N-ethylperfluoro-1-octanesulfonamide (EtFOSA)	4151-50-2	28.9
Perfluorodecane Sulfonate (PFDS)	126105-34-8	ND
Perfluorononane Acid (PFNA)	375-95-1	7.59
Perfluorodecane Acid (PFDA)	335-76-2	ND
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	ND
Perfluorododecanoic Acid (PFDoA)	307-55-1	3.03
Perfluorotridecanoic Acid (PFTrA)	72629-94-8	ND
Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-DMOA)	172155-07-6	ND
7H-Dodecanefluoroheptane Acid (HPFHpA)	1546-95-8	13.4
2H,2H-Perfluorodecane Acid (H2PFDA)	882489-14-7	82.7
2H,2H,3H,3H-Perfluoroundecanoic Acid (H4PFUnA)	34598-33-9	ND
Perfluorooctanesulphonic Acid 1H,1H,2H,2H (H4PFOS; 6:2)	27619-97-2	ND
<b>Conclusion</b>	--	--

**Sample Description:**

1. Bag

Note: ND = not detected  
\* = Exceeds the limit  
@ Conclusion is respect to PFOS and PFOA only  
Detection limit = 1 mg/kg (for individual compound)

**Recommended Max. Limit / Client Requirement:**

**PFOS and PFOA** 1 (mg/kg)  
**Others** Not Applicable

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Remarks: #APFO test result is based on the calculation of PFOA and to the worst-case scenario.  
 ^ PFOS refer to Perfluorooctanesulfonic acid and its derivatives including Perfluorooctanesulfonic acid, Perfluorooctane sulfonamide, N-Methylperfluorooctane sulfonamide, N-Ethylperfluorooctane sulfonamide, N-Methylperfluorooctane sulfonamidoethanol and N-Ethylperfluorooctane sulfonamidoethanol

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**2. US Model Toxics in Packaging Legislation (TPCH: Toxics in Packaging Clearing House) (formerly drafted by CONEG) – Total Lead, Cadmium, Mercury and Hexavalent Chromium Content**

Test Method: Lead, Cadmium, Mercury and Total Chromium were analyzed by ICP-OES, ICP-MS and/or HD-XRF and Chromium VI was analyzed by UV-Visible Spectroscopy.

Test Item	Results (mg/kg)	Detection Limit (mg/kg)	Permissible Limit (mg/kg)
	1		
Lead (Pb)	ND	5	--
Cadmium (Cd)	ND	5	--
Mercury (Hg)	ND	5	--
Hexavalent Chromium (Cr(VI))	ND*	10	--
Total	ND	--	100
<b>Conclusion</b>	<b>PASS</b>	<b>--</b>	<b>--</b>

**Sample Description:**

1. Bag

Note : 1. mg/kg = milligram per kilogram

2. ND = Not Detected

3. \* = Hexavalent Chromium determination using UV-Visible Spectroscopy was not performed, as total chromium found in the sample does not contribute to the hexavalent chromium content at a level exceeding the permissible limit.

Remark: The TPCH legislation has been enacted by California, Connecticut, Florida, Georgia, Illinois, Iowa, Maine, Maryland, Minnesota, Missouri, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, Virginia, Washington and Wisconsin.

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### 3. Pesticides – USDA Organic Profile

Testing was done at an SGS Affiliate Laboratory:

SGS North America Inc.  
1405 32nd Avenue  
Brookings, SD 57006  
analytical.brookings@sgs.com

## Certificate of Analysis



Certificate Number: 19-011823  
Report Date: September 10, 2019

**Client:**

F419601 SGS NORTH AMERICA INC CRS DIVISION  
291 FAIRFIELD AVENUE  
Fairfield NJ 07004  
UNITED STATES

**Sample Information:**

SGS Sample Identification: FD19-01313.001  
Client Sample Identification: Drawstring Muslin Bag  
Sample Description: Organic Cotton Unbleached Bag  
Received: September 10, 2019  
Sample/Product Type: General Food Product or Additive  
The sample condition upon arrival was acceptable for testing.

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Analysis	Result	Units	L.O.Q.	Method
3-Hydroxycarbofuran	N.D.	µg/kg	10	AOAC 2007.01
5-Hydroxythiabendazole	N.D.	µg/kg	10	AOAC 2007.01
Acophate	N.D.	mg/kg	0.01	AOAC 2007.01
Acetamiprid	26.690	µg/kg	10	AOAC 2007.01
Acetochlor	N.D.	µg/kg	10	AOAC 2007.01
Aldicarb	N.D.	µg/kg	10	AOAC 2007.01
Aldicarb-sulfone	N.D.	µg/kg	10	AOAC 2007.01
Aldicarb-sulfoxide	N.D.	µg/kg	10	AOAC 2007.01
Allethrin	N.D.	µg/kg	10	AOAC 2007.01
Atrazine	N.D.	µg/kg	10	AOAC 2007.01
Azinphos-Methyl	N.D.	µg/kg	10	AOAC 2007.01
Azoxystrobin	N.A.	µg/kg	10	AOAC 2007.01
Bendiocarb	N.D.	µg/kg	10	AOAC 2007.01
BHC-alpha	N.D.	µg/kg	10	AOAC 2007.01
BHC-beta	N.D.	µg/kg	10	AOAC 2007.01
BHC-delta	N.D.	µg/kg	10	AOAC 2007.01
BHC-gamma (Lindane)	N.D.	µg/kg	50	AOAC 2007.01
Bifenazate	N.D.	µg/kg	10	AOAC 2007.01
Bifenthrin	N.A.	µg/kg	10	AOAC 2007.01
Bitertanol	N.D.	µg/kg	10	AOAC 2007.01
Boscalid	N.D.	µg/kg	10	AOAC 2007.01
Bromacil	N.A.	µg/kg	10	AOAC 2007.01
Buprofezin	N.A.	µg/kg	10	AOAC 2007.01
Captan	N.A.	µg/kg	50	AOAC 2007.01
Carbaryl	N.D.	µg/kg	10	AOAC 2007.01
Carbendazim	18.230	µg/kg	10	AOAC 2007.01
Carbofuran	N.D.	µg/kg	20	AOAC 2007.01
Chlorantraniliprole	N.D.	µg/kg	10	AOAC 2007.01
Chlordane-cis (alpha)	N.D.	µg/kg	10	AOAC 2007.01

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Agriculture and Food  
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Analysis	Result	Units	L.O.Q.	Method
Chlordane-trans (gamma)	N.D.	µg/kg	10	AOAC 2007.01
Chlorfenvapir	N.D.	µg/kg	10	AOAC 2007.01
Chlorothalonil	N.D.	µg/kg	10	AOAC 2007.01
Chlorpropham	N.D.	µg/kg	20	AOAC 2007.01
Chlorpyrifos	N.D.	µg/kg	10	AOAC 2007.01
Chlorpyrifos-methyl	N.D.	µg/kg	10	AOAC 2007.01
Clofentezine	N.D.	µg/kg	10	AOAC 2007.01
Clopyralid	N.A.	µg/kg	10	AOAC 2007.01
Clothianidin	N.D.	µg/kg	10	AOAC 2007.01
Coumaphos	N.D.	µg/kg	10	AOAC 2007.01
Cyazofamid	N.D.	µg/kg	10	AOAC 2007.01
Cycloate	N.D.	µg/kg	10	AOAC 2007.01
Cyfluthrin I	N.D.	µg/kg	20	AOAC 2007.01
Cyfluthrin II	N.D.	µg/kg	20	AOAC 2007.01
Cyfluthrin III	N.D.	µg/kg	20	AOAC 2007.01
Cyfluthrin IV	N.D.	µg/kg	20	AOAC 2007.01
Cyhalothrin (Gamma)	N.D.	µg/kg	10	AOAC 2007.01
Cyhalothrin (lambda)	N.D.	µg/kg	10	AOAC 2007.01
Cypermethrin I	N.D.	µg/kg	20	AOAC 2007.01
Cypermethrin II	N.D.	µg/kg	20	AOAC 2007.01
Cypermethrin III	N.D.	µg/kg	20	AOAC 2007.01
Cypermethrin IV	N.D.	µg/kg	20	AOAC 2007.01
Cyprodinil	N.D.	µg/kg	10	AOAC 2007.01
DCPA (Dacthal)	N.D.	µg/kg	10	AOAC 2007.01
DDD-o,p'	N.D.	µg/kg	10	AOAC 2007.01
DDD-p,p'	N.D.	µg/kg	10	AOAC 2007.01
DDE-o,p'	N.D.	µg/kg	10	AOAC 2007.01
DDE-p,p'	N.D.	µg/kg	10	AOAC 2007.01
DDT-o,p'	N.D.	µg/kg	10	AOAC 2007.01
DDT-p,p'	N.D.	µg/kg	10	AOAC 2007.01
DEF (Tribufos)	N.D.	µg/kg	10	AOAC 2007.01
Deltamethrin I	N.D.	µg/kg	20	AOAC 2007.01
Deltamethrin II	N.D.	µg/kg	20	AOAC 2007.01
Diazinon	N.D.	µg/kg	10	AOAC 2007.01
Diazinon OA	N.D.	µg/kg	10	AOAC 2007.01
Dibrom (Naled)	N.D.	µg/kg	10	AOAC 2007.01
Dichlorvos	N.D.	µg/kg	10	AOAC 2007.01
Difloran	N.D.	µg/kg	10	AOAC 2007.01
Disofol-o,p'	N.A.	µg/kg	50	AOAC 2007.01
Disofol-p,p'	N.A.	µg/kg	50	AOAC 2007.01
Dieldrin	N.D.	µg/kg	20	AOAC 2007.01
Difenoconazole I	N.D.	µg/kg	10	AOAC 2007.01

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Analyte	Result	Units	L.O.Q.	Method
Difenoconazole II	N.D.	µg/kg	10	AOAC 2007.01
Diffubenzuron	N.D.	µg/kg	10	AOAC 2007.01
Dimethoate	N.D.	µg/kg	10	AOAC 2007.01
Dimethomorph	N.D.	µg/kg	10	AOAC 2007.01
Dinotefuran	N.D.	µg/kg	20	AOAC 2007.01
Diphenamid	N.D.	µg/kg	10	AOAC 2007.01
Diphenylamine	N.D.	µg/kg	10	AOAC 2007.01
Disulfoton	N.D.	µg/kg	10	AOAC 2007.01
Disulfoton sulfone	N.D.	µg/kg	10	AOAC 2007.01
Diuron	N.D.	µg/kg	10	AOAC 2007.01
Endosulfan sulfate	N.D.	µg/kg	10	AOAC 2007.01
Endosulfan, alpha	N.D.	µg/kg	10	AOAC 2007.01
Endosulfan, beta	N.D.	µg/kg	10	AOAC 2007.01
Endrin	N.D.	µg/kg	50	AOAC 2007.01
Esfenvalerate	N.D.	µg/kg	50	AOAC 2007.01
Ethion	N.D.	µg/kg	10	AOAC 2007.01
Ethoxyquin	N.D.	µg/kg	10	AOAC 2007.01
Etoxazole	N.D.	µg/kg	10	AOAC 2007.01
Famoxadone	N.D.	µg/kg	10	AOAC 2007.01
Fenamidone	N.D.	µg/kg	10	AOAC 2007.01
Fenamiphos (Phenamiphos)	N.A.	µg/kg	10	AOAC 2007.01
Fenamiphos Sotioxide	N.D.	µg/kg	10	AOAC 2007.01
Fenamiphos sulfone	N.D.	µg/kg	10	AOAC 2007.01
Fenatrolol	N.D.	µg/kg	10	AOAC 2007.01
Fenbuconazole	N.D.	µg/kg	10	AOAC 2007.01
Fenhexamid	N.D.	µg/kg	10	AOAC 2007.01
Fenpropathrin (Danitol)	N.D.	µg/kg	10	AOAC 2007.01
Fenpyroximate	N.D.	µg/kg	10	AOAC 2007.01
Fenthion	N.D.	µg/kg	10	AOAC 2007.01
Fipronil	N.D.	µg/kg	10	AOAC 2007.01
Fludioxonil	N.A.	µg/kg	10	AOAC 2007.01
Flonicamid	N.D.	µg/kg	10	AOAC 2007.01
Fluoxastrobin	N.D.	µg/kg	10	AOAC 2007.01
Fludiozone	N.D.	µg/kg	10	AOAC 2007.01
Flutolanil	N.D.	µg/kg	10	AOAC 2007.01
Fluralinate	N.D.	µg/kg	10	AOAC 2007.01
Folpet	N.D.	µg/kg	10	AOAC 2007.01
Fonofos	N.D.	µg/kg	10	AOAC 2007.01
Formetanate Hydrochloride	N.D.	µg/kg	10	AOAC 2007.01
Hexachlorobenzene (HCB)	N.D.	µg/kg	10	AOAC 2007.01
Heptachlor epoxide A	N.A.	µg/kg	10	AOAC 2007.01
Heptachlor epoxide B	N.D.	µg/kg	10	AOAC 2007.01

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Certificate of Analysis  
FD19-01313.001

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Certificate Number: 19-011823

Analysis	Result	Units	L.O.Q.	Method
Hexaconazole	N.D.	µg/kg	10	AOAC 2007.01
Hexythiazox	N.D.	µg/kg	10	AOAC 2007.01
Hydroprene	N.D.	µg/kg	20	AOAC 2007.01
Imazalil	N.D.	µg/kg	10	AOAC 2007.01
Imidacloprid	10.980	µg/kg	10	AOAC 2007.01
Indoxacarb	N.D.	µg/kg	10	AOAC 2007.01
Iprodione	N.D.	µg/kg	10	AOAC 2007.01
Iprodione Metabolite	N.D.	µg/kg	10	AOAC 2007.01
Linuron	N.D.	µg/kg	10	AOAC 2007.01
Malaoxon	N.D.	µg/kg	10	AOAC 2007.01
Malathion	N.D.	µg/kg	10	AOAC 2007.01
Methamidophos	N.D.	µg/kg	10	AOAC 2007.01
Methidathion	N.D.	µg/kg	10	AOAC 2007.01
Methiocarb	N.D.	µg/kg	10	AOAC 2007.01
Methomyl	N.D.	µg/kg	10	AOAC 2007.01
Methoxychlor	N.A.	µg/kg	50	AOAC 2007.01
Methoxyfenozide	N.D.	µg/kg	10	AOAC 2007.01
Metolachlor	N.D.	µg/kg	10	AOAC 2007.01
Metribuzin	N.D.	µg/kg	10	AOAC 2007.01
Mevinphos, E	N.D.	µg/kg	10	AOAC 2007.01
Mevinphos, Z	N.D.	µg/kg	10	AOAC 2007.01
MGK-264 (Carboximide)	N.D.	µg/kg	10	AOAC 2007.01
Mydlobutanil	N.D.	µg/kg	10	AOAC 2007.01
Naphthalene Acetamide (NAA)	N.D.	µg/kg	20	AOAC 2007.01
Napropamide	N.D.	µg/kg	20	AOAC 2007.01
Nonachlor, cis	N.A.	µg/kg	10	AOAC 2007.01
Nonachlor, trans	N.D.	µg/kg	10	AOAC 2007.01
Norflurazon	N.D.	µg/kg	10	AOAC 2007.01
Norflurazon Desmethyl	N.D.	µg/kg	10	AOAC 2007.01
Omethoate	N.D.	µg/kg	10	AOAC 2007.01
Ortho-Phenylphenol	N.D.	µg/kg	10	AOAC 2007.01
Oxadixyl	N.D.	µg/kg	10	AOAC 2007.01
Oxamyl	N.D.	µg/kg	50	AOAC 2007.01
Oxamyl Oxime	N.D.	µg/kg	10	AOAC 2007.01
Oxydemeton-methyl sulfoxide	N.D.	µg/kg	10	AOAC 2007.01
Parathion-methyl	N.D.	µg/kg	20	AOAC 2007.01
Pentachloroaniline (PCA)	N.D.	µg/kg	10	AOAC 2007.01
Pentachlorobenzene (PCB)	N.D.	µg/kg	10	AOAC 2007.01
PCNB (Quintozene)	N.D.	µg/kg	10	AOAC 2007.01
Pendimethalin (Peroxaline)	N.A.	µg/kg	10	AOAC 2007.01
Pentachlorophenyl Methyl Sulfide	N.D.	µg/kg	10	AOAC 2007.01
Permethrin, cis	N.A.	µg/kg	10	AOAC 2007.01

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Analysis	Result	Units	L.O.Q.	Method
Permethrin, trans	N.D.	µg/kg	10	AOAC 2007.01
Phenmedipham	N.D.	µg/kg	10	AOAC 2007.01
Phorate-Sulfone	N.D.	µg/kg	10	AOAC 2007.01
Phorate-Sulfoxide	N.D.	µg/kg	10	AOAC 2007.01
Phosalone	N.A.	µg/kg	10	AOAC 2007.01
Phosmet	N.D.	µg/kg	10	AOAC 2007.01
Piperonyl butoxide	N.D.	µg/kg	10	AOAC 2007.01
Pinmicarb	N.D.	µg/kg	10	AOAC 2007.01
Pinimphos-methyl	N.D.	µg/kg	10	AOAC 2007.01
Plochloraz	N.D.	µg/kg	10	AOAC 2007.01
Prallethrin	N.D.	µg/kg	10	AOAC 2007.01
Procyimidone	N.D.	µg/kg	10	AOAC 2007.01
Prometryn	N.D.	µg/kg	10	AOAC 2007.01
Pronamide (Propyzamide)	N.A.	µg/kg	10	AOAC 2007.01
Propargite	N.D.	µg/kg	10	AOAC 2007.01
Propiconazole	N.D.	µg/kg	10	AOAC 2007.01
Pymetrozine	N.D.	µg/kg	10	AOAC 2007.01
Pyraclostrobin	N.D.	µg/kg	10	AOAC 2007.01
Pyridaben	N.D.	µg/kg	10	AOAC 2007.01
Pyrimethanil	N.D.	µg/kg	10	AOAC 2007.01
Pyriproxifen	N.D.	µg/kg	10	AOAC 2007.01
Quinoxifen	N.D.	µg/kg	10	AOAC 2007.01
Resmethrin	N.D.	µg/kg	10	AOAC 2007.01
Simazine	N.D.	µg/kg	10	AOAC 2007.01
Spinetoram	N.D.	µg/kg	10	AOAC 2007.01
Sulfentrazone	N.D.	µg/kg	10	AOAC 2007.01
Tebuconazole	N.D.	µg/kg	10	AOAC 2007.01
Tebufozolid	N.D.	µg/kg	10	AOAC 2007.01
Tetrachlorvinphos	N.D.	µg/kg	10	AOAC 2007.01
Tetradifon	N.A.	µg/kg	10	AOAC 2007.01
Thiabendazole	N.D.	µg/kg	10	AOAC 2007.01
Thiactoprid	N.D.	µg/kg	10	AOAC 2007.01
Thiamethoxam	N.D.	µg/kg	10	AOAC 2007.01
Thiobencarb	N.D.	µg/kg	10	AOAC 2007.01
Thiodicarb	N.D.	µg/kg	10	AOAC 2007.01
Tetrahydrophthalimide (THPI)	N.D.	µg/kg	10	AOAC 2007.01
Triadimenon	N.D.	µg/kg	10	AOAC 2007.01
Triadimenol	N.D.	µg/kg	10	AOAC 2007.01
Trifloxystrobin	N.D.	µg/kg	10	AOAC 2007.01
Triflumizole	N.D.	µg/kg	10	AOAC 2007.01
Trifluralin	N.D.	µg/kg	10	AOAC 2007.01
Vinclozolin	N.D.	µg/kg	10	AOAC 2007.01

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**Abbreviations:**

L.O.Q.: Limit of Quantification

L.O.D.: Limit of Detection

N/A: Not Applicable

N.D.: Not Detected



Dustin Edmison  
Laboratory Manager

Start/End Analysis: 08/26/2019 - 09/10/2019

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**Sample Photo(s):**

SGS authenticates the photo(s) on the original report only

\*\*\* End of Report \*\*\*

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