



Test Report

No. GSL20230516002 Date: May. 25,2023

Page 1 of 7

Applicant : CUSTOM PLASTIC SPECIALTIES,INC
Address : 5678 WEST RIDGE ROAD ERIE,PENNSYLVANIA 16506
Sample Description : SHAKER BOTTLE
Sample Received Date : MAY. 16,2023
Turn Around Time : MAY. 16,2023 TO MAY. 25,2023

Test Requested	Result
- Total Lead in Substrate - According to Consumer Product Safety Improvement Act 2008 (CPSIA)	PASS
- Total Lead in Substrate - According to California Proposition 65	PASS
- Phthalates Content - According to Consumer Product Safety Improvement Act 2008 (CPSIA)	PASS
- Phthalates Content - According to California Proposition 65	PASS
- Total Lead test - Canada Approved Consumer Products Containing Lead Regulations (SOR/2018-83)	PASS
- Phthalates Content - Phthalates Regulations(SOR/2016-188)	PASS
- FDA Specifications 21 CFR 177.1520 - For polyethylene used in contact with food	PASS
- FDA Specifications 21 CFR 177.1520 - for polypropylene used in contact with food	PASS
- BPA Content – US EPA 3550C:2007 and US EPA 8270D:2007	PASS

*** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) ***

Signed for and on behalf of
Greatesting Service Shanghai Co.,Ltd

Approve:Carp Quan
Position:Technical Supervisor



Greatesting Service Shanghai Co.,Ltd.
上海量测检测技术有限公司

如相关项目未取得资质认定，结果仅作为科研、教学或内部质量控制之用,不作为社会公正性数据。未经本机构书面批准，部分复制报告无效。

除非另有说明，本检测报告所显示的结果仅指实验室接收和检测的样品，且该样品仅保留 30 天。

以上样品及信息由客户提供及确认，本公司不负责样品的真伪性，不承担证实客户提供信息的准确性、适当性和完整性责任。

If the project has not been assessed for competence, the results will only be used for scientific research, teaching or internal quality control, not as social justice data.

Part copy report is invalid without the approval of the written documents of the testing organization.

Unless otherwise stated, the results shown in this test report refer only to samples received and tested by the laboratory and retained for 30 days only.

The above samples and information are provided and confirmed by the customer, this company is not responsible for the authenticity of the samples, and does not assume the responsibility of verifying the accuracy, appropriateness and integrity of the information provided by the customer.

The whole responsibility of Greatesting Service (Shanghai) Co., Ltd is to ensure that this job has been performed according to our Quality System and complying contract and legal conditions. This company bear only limited liability such as within 5 times of the cost of the test item and do not undertake any joint liability caused by this document.

Reproduction of this document is only valid if it is done completely and under the written permission of Greatesting Service (Shanghai) Co., Ltd.

If you happen to have any complaints, please do it by sending email to info@greatesting.com and referring to this report number.

10/F, 1# Building, No.2899 South Lianhua Road, Minghang District, Shanghai, China

上海市闵行区莲花南路 2899 号莲谷科技园 1 号楼 10 层

t (86-21)64788791

f (86-21)64788792

Http://www.greatesting.com

info@greatesting.com



Test Report

No. GSL20230516002 Date: May. 25,2023

Page 2 of 7

Sample Photo:



TO BE CONTINUED



Greatesting Service Shanghai Co.,Ltd.

上海量拓检测技术有限公司

如相关项目未取得资质认定，结果仅作为科研、教学或内部质量控制之用，不作为社会公正性数据。未经本机构书面批准，部分复制报告无效。

除非另有说明，本检测报告所显示的结果仅指实验室接收和检测的样品，且该样品仅保留 30 天。

以上样品及信息由客户提供及确认，本公司不负责样品的真伪性，不承担证实客户提供信息的准确性、适当性和完整性责任。

If the project has not been assessed for competence, the results will only be used for scientific research, teaching or internal quality control, not as social justice data.

Part copy report is invalid without the approval of the written documents of the testing organization.

Unless otherwise stated, the results shown in this test report refer only to samples received and tested by the laboratory and retained for 30 days only.

The above samples and information are provided and confirmed by the customer, this company is not responsible for the authenticity of the samples, and does not assume the responsibility of verifying the accuracy, appropriateness and integrity of the information provided by the customer.

The whole responsibility of Greatesting Service (Shanghai) Co., Ltd is to ensure that this job has been performed according to our Quality System and complying contract and legal conditions. This company bear only limited liability such as within 5 times of the cost of the test item and do not undertake any joint liability caused by this document.

Reproduction of this document is only valid if it is done completely and under the written permission of Greatesting Service (Shanghai) Co., Ltd. If you happen to have any complaints, please do it by sending email to info@greatesting.com and referring to this report number.

10/F, 1# Building, No.2899 South Lianhua Road, Minghang District, Shanghai, China
上海市闵行区莲花南路 2899 号莲谷科技园 1 号楼 10 层

t (86-21)64788791
f (86-21)64788792

Http://www.greatesting.com
info@greatesting.com



Test Report

No. GSL20230516002 Date: May. 25,2023

Page 3 of 7

Result:

1. Total Lead Content in Substrate (CPSIA)

Test Method: With reference to CPSC-CH-E 1002-08.3, analysis was performed by ICP-OES.						
Limit: According to Consumer Product Safety Improvement Act 2008 (CPSIA)						
Tested Item(s)	Unit	Test Result			M.D.L.	Limit
		1	2	3		
Total Lead	ppm	ND	ND	ND	10	100
Note: ND = not detected, less than M.D.L. M.D.L. = method detection limit ppm = milligram per kilogram, mg/kg The sample(s) is (are) tested as specified by client.						

2. Total Lead Content in Substrate (CA65)

Test Method: With reference to CPSC-CH-E 1002-08.3, analysis was performed by ICP-OES.						
Limit: According to California proposition 65						
Tested Item(s)	Unit	Test Result			M.D.L.	Limit
		1	2	3		
Total Lead	ppm	ND	ND	ND	10	100
Note: ND = not detected, less than M.D.L. M.D.L. = method detection limit ppm = milligram per kilogram, mg/kg The sample(s) is (are) tested as specified by client.						

如相关项目未取得资质认定，结果仅作为科研、教学或内部质量控制之用，不作为社会公正性数据。未经本机构书面批准，部分复制报告无效。

除非另有说明，本检测报告所显示的结果仅指实验室接收和检测的样品，且该样品仅保留 30 天。

以上样品及信息由客户提供及确认，本公司不负责样品的真实性，不承担证实客户提供信息的准确性、适当性和完整性责任。

If the project has not been assessed for competence, the results will only be used for scientific research, teaching or internal quality control, not as social justice data.

Part copy report is invalid without the approval of the written documents of the testing organization.

Unless otherwise stated, the results shown in this test report refer only to samples received and tested by the laboratory and retained for 30 days only.

The above samples and information are provided and confirmed by the customer, this company is not responsible for the authenticity of the samples, and does not assume the responsibility of verifying the accuracy, appropriateness and integrity of the information provided by the customer.

The whole responsibility of Greatesting Service (Shanghai) Co., Ltd is to ensure that this job has been performed according to our Quality System and complying contract and legal conditions. This company bear only limited liability such as within 5 times of the cost of the test item and do not undertake any joint liability caused by this document.

Reproduction of this document is only valid if it is done completely and under the written permission of Greatesting Service (Shanghai) Co., Ltd.

If you happen to have any complaints, please do it by sending email to info@greatesting.com and referring to this report number.

10/F, 1# Building, No.2899 South Lianhua Road, Minghang District, Shanghai, China

上海市闵行区莲花南路 2899 号莲谷科技园 1 号楼 10 层

t (86-21)64788791

f (86-21)64788792

Http://www.greatesting.com

info@greatesting.com



Greatesting Service Shanghai Co., Ltd.

上海量拓检测技术有限公司



Test Report

No. GSL20230516002 Date: May. 25,2023

Page 4 of 7

3. Phthalates Content (CPSIA)

Test method: CPSC-CH-C1001-09.4

Limit: According to Consumer Product Safety Improvement Act 2008 (CPSIA)

Parameter	CAS No.	Unit	Limit	M.D.L.	Test Result		
					1	2	3
Dibutylphthalate (DBP)	84-74-2	%	0.1	0.005	ND	ND	ND
Benzylbutylphthalate (BBP)	85-68-7	%	0.1	0.005	ND	ND	ND
Diethylhexylphthalate (DEHP)	117-81-7	%	0.1	0.005	ND	ND	ND
Diisononylphthalate (DINP)	28553-12-0 68515-48-0	%	0.1	0.005	ND	ND	ND
Diisobutylphthalate(DIBP)	84-69-5	%	0.1	0.005	ND	ND	ND
Dicyclohexylphthalate (DCHP)	84-61-7	%	0.1	0.005	ND	ND	ND
Di-n-hexyl(DHEXP)	84-75-3	%	0.1	0.005	ND	ND	ND
Di-n-pentylphthalate(DPENP)	131-18-0	%	0.1	0.005	ND	ND	ND

Note:

M.D.L. = Method Detection Limit
 ND = Not detected, less than M.D.L.
 The sample(s) is (are) tested as specified by client.

4. Phthalates Content (CA 65)

Test method: CPSC-CH-C1001-09.4

Limit: According to California proposition 65

Parameter	CAS No.	Unit	Limit	M.D.L.	Test Result		
					1	2	3
Dibutylphthalate (DBP)	84-74-2	%	0.1	0.005	ND	ND	ND
Benzylbutylphthalate (BBP)	85-68-7	%	0.1	0.005	ND	ND	ND
Diethylhexylphthalate (DEHP)	117-81-7	%	0.1	0.005	ND	ND	ND
Diisononylphthalate (DINP)	28553-12-0 68515-48-0	%	0.1	0.005	ND	ND	ND
Diisodecylphthalate(DIDP)	26761-40-0 68515-49-1	%	0.1	0.005	ND	ND	ND
Dinonylphthalate(DNOP)	117-84-0	%	0.1	0.005	ND	ND	ND
Di-n-hexyl(DHEXP)	84-75-3	%	0.1	0.005	ND	ND	ND

Note:

M.D.L. = Method Detection Limit
 ND = Not detected, less than M.D.L.
 The sample(s) is (are) tested as specified by client.

如相关项目未取得资质认定，结果仅作为科研、教学或内部质量控制之用，不作为社会公正性数据。

未经本机构书面批准，部分复制报告无效。

除非另有说明，本检测报告所显示的结果仅指实验室接收和检测的样品，且该样品仅保留 30 天。

以上样品及信息由客户提供及确认，本公司不负责样品的真伪性，不承担证实客户提供信息的准确性、适当性和完整性责任。

If the project has not been assessed for competence, the results will only be used for scientific research, teaching or internal quality control, not as social justice data.

Part copy report is invalid without the approval of the written documents of the testing organization.

Unless otherwise stated, the results shown in this test report refer only to samples received and tested by the laboratory and retained for 30 days only.

The above samples and information are provided and confirmed by the customer, this company is not responsible for the authenticity of the samples, and does not assume the responsibility of verifying the accuracy, appropriateness and integrity of the information provided by the customer.

The whole responsibility of Greatesting Service (Shanghai) Co., Ltd is to ensure that this job has been performed according to our Quality System and complying contract and legal conditions. This company bear only limited liability such as within 5 times of the cost of the test item and do not undertake any joint liability caused by this document.

Reproduction of this document is only valid if it is done completely and under the written permission of Greatesting Service (Shanghai) Co., Ltd.

If you happen to have any complaints, please do it by sending email to info@greatesting.com and referring to this report number.

10/F, 1# Building, No.2899 South Lianhua Road, Minghang District, Shanghai, China

上海市闵行区莲花南路 2899 号莲谷科技园 1 号楼 10 层

t (86-21)64788791

f (86-21)64788792

Http://www.greatesting.com

info@greatesting.com



Greatesting Service Shanghai Co., Ltd.

上海量测检测技术有限公司



Test Report

No. GSL20230516002 Date: May. 25,2023

Page 5 of 7

5. Total Lead test (Canada Approved Consumer Products Containing Lead Regulations(SOR/2018-83))

Test Method: analysis was performed by ICP-OES.

Limit: According to Toys Regulations (SOR/2018-83)

Tested Item(s)	Unit	Test Result			M.D.L.	Limit
		1	2	3		
Total Lead	ppm	ND	ND	ND	10	100

Note:

ND = not detected, less than M.D.L.
M.D.L. = method detection limit
ppm = milligram per kilogram, mg/kg
The sample(s) is (are) tested as specified by client.

6. Phthalates Content (Phthalates Regulations(SOR/2016-188))

Parameter	CAS No.	Unit	Limit	M.D.L.	Test Result		
					1	2	3
Dibutylphthalate (DBP)	84-74-2	%	0.1	0.005	ND	ND	ND
Benzylbutylphthalate (BBP)	85-68-7	%	0.1	0.005	ND	ND	ND
Diethylhexylphthalate (DEHP)	117-81-7	%	0.1	0.005	ND	ND	ND
Diisononylphthalate (DINP)	28553-12-0 68515-48-0	%	0.1	0.005	ND	ND	ND
Diisodecylphthalate(DIDP)	26761-40-0 68515-49-1	%	0.1	0.005	ND	ND	ND
Dinonylphthalate(DNOP)	117-84-0	%	0.1	0.005	ND	ND	ND

Note:

M.D.L. = Method Detection Limit
ND = Not detected, less than M.D.L.
The sample(s) is (are) tested as specified by client.

如相关项目未取得资质认定，结果仅作为科研、教学或内部质量控制之用，不作为社会公正性数据。
未经本机构书面批准，部分复制报告无效。

除非另有说明，本检测报告所显示的结果仅指实验室接收和检测的样品，且该样品仅保留 30 天。

以上样品及信息由客户提供及确认，本公司不负责样品的真实性，不承担证实客户提供信息的准确性、适当性和完整性责任。

If the project has not been assessed for competence, the results will only be used for scientific research, teaching or internal quality control, not as social justice data.

Part copy report is invalid without the approval of the written documents of the testing organization.

Unless otherwise stated, the results shown in this test report refer only to samples received and tested by the laboratory and retained for 30 days only.

The above samples and information are provided and confirmed by the customer, this company is not responsible for the authenticity of the samples, and does not assume the responsibility of verifying the accuracy, appropriateness and integrity of the information provided by the customer.

The whole responsibility of Greatesting Service (Shanghai) Co., Ltd is to ensure that this job has been performed according to our Quality System and complying contract and legal conditions. This company bear only limited liability such as within 5 times of the cost of the test item and do not undertake any joint liability caused by this document.

Reproduction of this document is only valid if it is done completely and under the written permission of Greatesting Service (Shanghai) Co., Ltd.

If you happen to have any complaints, please do it by sending email to info@greatesting.com and referring to this report number.

10/F, 1# Building, No.2899 South Lianhua Road, Minghang District, Shanghai, China

t (86-21)64788791

Http://www.greatesting.com

上海市闵行区莲花南路 2899 号莲谷科技园 1 号楼 10 层

f (86-21)64788792

info@greatesting.com





Test Report

No. GSL20230516002 Date: May. 25,2023

Page 6 of 7

7. 21 CFR 177.1520 for PE

Test method: With reference to FDA 21 CFR 177.1520					
Limit: In accordance with the FDA Regulations for polyethylene used in contact with food.					
Test Item(s)	Unit	Limit	MDL	Test result	
				2	
Density at 23°C ,	g/cm ³	0.85 - 1.000	---	0.89	
Extractable fraction in n-hexane at 50°C	w/w %	5.5	0.5	0.9	
Soluble fraction in xylene at 25°C	w/w %	11.3	0.5	ND	
Note: ND = Not detected MDL = Method Detection Limit The sample(s) is (are) tested as specified by client.					

8. 21 CFR 177.1520 for PP

Test method: With reference to FDA 21 CFR 177.1520					
Limit: In accordance with the FDA Regulations for polypropylene used in contact with food.					
Test Item(s)	Unit	Limit	MDL	Test result	
				1	3
Extractable fraction in n-hexane at reflux temperature	w/w %	6.4	0.5	1.58	0.57
Soluble fraction in xylene at 25°C	w/w %	9.8	0.5	ND	ND
Melting point	°C	160 - 180	---	144.7	158.3
Density	g/cm ³	0.880-0.913	---	0.892	0.903
Note: ND = Not detected MDL = Method Detection Limit The sample(s) test method and standard are specified by client.					

如相关项目未取得资质认定，结果仅作为科研、教学或内部质量控制之用，不作为社会公正性数据。未经本机构书面批准，部分复制报告无效。

除非另有说明，本检测报告所显示的结果仅指实验室接收和检测的样品，且该样品仅保留 30 天。

以上样品及信息由客户提供及确认，本公司不负责样品的真伪性，不承担证实客户提供信息的准确性、适当性和完整性责任。

If the project has not been assessed for competence, the results will only be used for scientific research, teaching or internal quality control, not as social justice data.

Part copy report is invalid without the approval of the written documents of the testing organization.

Unless otherwise stated, the results shown in this test report refer only to samples received and tested by the laboratory and retained for 30 days only.

The above samples and information are provided and confirmed by the customer, this company is not responsible for the authenticity of the samples, and does not assume the responsibility of verifying the accuracy, appropriateness and integrity of the information provided by the customer.

The whole responsibility of Greatesting Service (Shanghai) Co., Ltd is to ensure that this job has been performed according to our Quality System and complying contract and legal conditions. This company bear only limited liability such as within 5 times of the cost of the test item and do not undertake any joint liability caused by this document.

Reproduction of this document is only valid if it is done completely and under the written permission of Greatesting Service (Shanghai) Co., Ltd.

If you happen to have any complaints, please do it by sending email to info@greatesting.com and referring to this report number.

10/F, 1# Building, No.2899 South Lianhua Road, Minghang District, Shanghai, China

上海市闵行区莲花南路 2899 号莲谷科技园 1 号楼 10 层

t (86-21)64788791

f (86-21)64788792

Http://www.greatesting.com

info@greatesting.com



Greatesting Service Shanghai Co., Ltd.

上海量拓检测技术有限公司



Test Report

No. GSL20230516002 Date: May. 25,2023

Page 7 of 7

9. BPA Content

Test Method: US EPA 3550C:2007 and US EPA 8270D:2007					
Test equipment: Solvent extraction and quantification by gas chromatography-mass selective detector (GC-MS)					
Tested Item	Unit	Test Result			M.D.L.
		1	2	3	
Bisphenol A (BPA)	mg/kg	ND	ND	ND	1
Note: ND = not detected, less than M.D.L mg/kg = milligram per kilogram, ppm MDL = Method Detection Limit The sample(s) is (are) tested as specified by client.					

Sample ID.	Test Part Description
1	Translucent cup body
2	Red cap
3	Shake ball

*** END OF REPORT ***

如相关项目未取得资质认定，结果仅作为科研、教学或内部质量控制之用，不作为社会公正性数据。
 未经本机构书面批准，部分复制报告无效。

除非另有说明，本检测报告所显示的结果仅指实验室接收和检测的样品，且该样品仅保留 30 天。

以上样品及信息由客户提供及确认，本公司不负责样品的真伪性，不承担证实客户提供信息的准确性、适当性和完整性责任。

If the project has not been assessed for competence, the results will only be used for scientific research, teaching or internal quality control, not as social justice data.

Part copy report is invalid without the approval of the written documents of the testing organization.

Unless otherwise stated, the results shown in this test report refer only to samples received and tested by the laboratory and retained for 30 days only.

The above samples and information are provided and confirmed by the customer, this company is not responsible for the authenticity of the samples, and does not assume the responsibility of verifying the accuracy, appropriateness and integrity of the information provided by the customer.

The whole responsibility of Greatesting Service (Shanghai) Co., Ltd is to ensure that this job has been performed according to our Quality System and complying contract and legal conditions. This company bear only limited liability such as within 5 times of the cost of the test item and do not undertake any joint liability caused by this document.

Reproduction of this document is only valid if it is done completely and under the written permission of Greatesting Service (Shanghai) Co., Ltd.

If you happen to have any complaints, please do it by sending email to info@greatesting.com and referring to this report number.

10/F, 1# Building, No.2899 South Lianhua Road, Minghang District, Shanghai, China

上海市闵行区莲花南路 2899 号莲谷科技园 1 号楼 10 层

t (86-21)64788791

f (86-21)64788792

Http://www.greatesting.com

info@greatesting.com



Greatesting Service Shanghai Co., Ltd.

上海量拓检测技术有限公司