

化学测试报告

Chemical Testing Report

CHTC-TCR-015

报告号 Report No.	C1700090480—Part 2		
申请者 Applicant 地址 Address	Guidong li 南京市江宁经济技术开发区将军大道529号 No.529 Jiang-Jun Road, Jiangning Economic & Technical Development Zone		
生产厂家 Factory 地址 Address	Nanjing Chervon Industry Co.,Ltd 南京市江宁经济技术开发区将军大道529号 No.529 Jiang-Jun Road, Jiangning Economic & Technical Development Zone		
样品名称 Product 型号 Model 额定参数 Rating	Mower 4906/LM2020 4906.1/4906.2/LM2020SP 56V		
申请号 Receipt No.	1700090480		
接收日期 Date of Receipt	2019-7-29		
测试标准 Test Standards	CPSC-CH-C1001-09.3 / Reference to California Proposition 65 List of Chemicals & As Client's requirement		
补充说明 Additional Information	Phthalate test(Nine)+ Lead/Cadmium test		
测试结果 Testing result	PASS		
测试人 Tested by	核查人 Reviewed by	批准人 Issued by	报告专用章 Stamp
日期 Date	日期 Date	日期 Date	
2019-7-31	2019-7-31	2019-7-31	
Possible test case verdicts:			
- 测试合格 test object does meet the requirement			: PASS
- 测试失败 test object does not meet the requirement			: FAIL
- 测试不涉及 test case dose not apply to the test object			: N/A
备注 Remark (1)本报告提供的测试结果仅对本次被测试样品有效。 The test results apply only to the particular samples tested and the tests carried out. (2)未经泉峰测试中心书面授权，不得部分复制本报告。 The report shall not be copied except in full without the written permit of Chervon Testing Center.			

PRODUCT PHOTOGRAPH:

i. LM2020



ii. LM2020SP



SUMMARY OF TEST RESULTS

TEST REQUESTED	CONCLUSION
Phthalates Content - Reference to California Proposition 65 List of Chemicals & As Client's requirement	PASS
Total Lead & Cadmium Content - Reference to California Proposition 65 List of Chemicals & As Client's requirement	PASS

I Phthalates Content - Reference to California Proposition 65 List of Chemicals & As Client's requirement

Result Summary:

No.	Sample No.	Sample Name	Material	Color	Material Code	Conclusion
1	C1700090480-003	13-1 轮胎皮 Wheel Assembly	PP+PVC	黑色 Black	2824429001	PASS
2	C1700090480-004	13-2 塑料轮 Wheel Assembly	--	黑色 Black	2824429001	PASS
3	C1700090480-005	13-3 绿色装饰环 Wheel Assembly	--	绿色 Green	2824429001	PASS
4	C1700090484-002	2-1 绿色胶皮 Grass Catcher	--	绿色 Green	3800128002	PASS
5	C1700090484-003	2-2 白色胶皮 Grass Catcher	--	白色 White	3800128002	PASS
6	C1700090484-004	2-3 黑色布料 Grass Catcher	--	黑色 Black	3800128002	PASS
7	C1700090484-005	2-4 标识带 Grass Catcher	--	黑 Black+ 白 White	3800128002	PASS
8	C1700090484-006	2-5 带子 (黑) Grass Catcher	--	黑色 Black	3800128002	PASS
9	C1700090484-007	2-6 黑色塑料底片 Grass Catcher	--	黑色 Black	3800128002	PASS
10	C1700090484-008	2-7 黑色塑料底垫 Grass Catcher	--	黑色 Black	3800128002	PASS
11	C1700090493-033	37-1 黑色塑胶皮 Wheel Assembly	--	黑色 Black	2825267001	PASS
12	C1700090493-034	37-2 白色塑料 Wheel Assembly	--	白色 White	2825267001	PASS
13	C1700090493-035	37-3 塑料轮子-黑 Wheel Assembly	--	黑色 Black	2825267001	PASS
14	C1700090493-036	37-4 塑料轮子-绿 Wheel Assembly	--	绿色 Green	2825267001	PASS
15	C1700090770-001	80-1 压草板-硬胶 Trail Shield	--	黑色 Black	3126391001	PASS
16	C1700090770-002	80-2 压草板-软胶 Trail Shield	PVC	黑色 Black	3126391001	PASS
17	C1700090770-004	82 橡胶垫 Rubber Pad	NBR	黑色 Black	3128083001	PASS

Test Method:

Reference to the method of
CPSC-CH-C1001-09.3

Standard Operating Procedure for Determination of Phthalates

Instrument	Manufactory	Model/Type	Calibration
GC-MS	Agilent	7890A-5977B	Cal. Date: 2017-8-23 Due. Date: 2019-8-22

Result and Photograph Documentation:



Tested item:	C1700090480-003 13-1 轮胎皮 Wheel Assembly			
Parameter	CAS No	Unit	MDL	Result
Diisobutyl phthalate(DIBP)	84-69-5	%	0.005	< MDL
Dibutyl phthalate (DBP)	84-74-2	%	0.005	< MDL
Bis (2-methoxyethyl) phthalate (DMEP)	117-82-8	%	0.005	< MDL
Butyl benzyl phthalate (BBP)	85-68-7	%	0.005	< MDL
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	%	0.005	< MDL
Di-cyclohexyl phthalate (DCHP)	84-61-7	%	0.01	< MDL
Di- <i>n</i> -octyl phthalate (DNOP)	117-84-0	%	0.005	< MDL
Di- <i>iso</i> -nonyl phthalate (DINP)	28553-12-0	%	0.01	< MDL
Di- <i>iso</i> -decyl phthalate (DIDP)	26761-40-0	%	0.01	< MDL



Tested item:	C1700090480-004 13-2 塑料轮 Wheel Assembly			
Parameter	CAS No	Unit	MDL	Result
Diisobutyl phthalate(DIBP)	84-69-5	%	0.005	< MDL
Dibutyl phthalate (DBP)	84-74-2	%	0.005	< MDL
Bis (2-methoxyethyl) phthalate (DMEP)	117-82-8	%	0.005	< MDL
Butyl benzyl phthalate (BBP)	85-68-7	%	0.005	< MDL
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	%	0.005	< MDL
Di-cyclohexyl phthalate (DCHP)	84-61-7	%	0.01	< MDL
Di-n-octyl phthalate (DNOP)	117-84-0	%	0.005	< MDL
Di-iso-nonyl phthalate (DINP)	28553-12-0	%	0.01	< MDL
Di-iso-decyl phthalate (DIDP)	26761-40-0	%	0.01	< MDL



Tested item:	C1700090480-005 13-3 绿色装饰环 Wheel Assembly			
Parameter	CAS No	Unit	MDL	Result
Diisobutyl phthalate(DIBP)	84-69-5	%	0.005	< MDL
Dibutyl phthalate (DBP)	84-74-2	%	0.005	< MDL
Bis (2-methoxyethyl) phthalate (DMEP)	117-82-8	%	0.005	< MDL
Butyl benzyl phthalate (BBP)	85-68-7	%	0.005	< MDL
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	%	0.005	< MDL
Di-cyclohexyl phthalate (DCHP)	84-61-7	%	0.01	< MDL
Di-n-octyl phthalate (DNOP)	117-84-0	%	0.005	< MDL
Di-iso-nonyl phthalate (DINP)	28553-12-0	%	0.01	< MDL
Di-iso-decyl phthalate (DIDP)	26761-40-0	%	0.01	< MDL



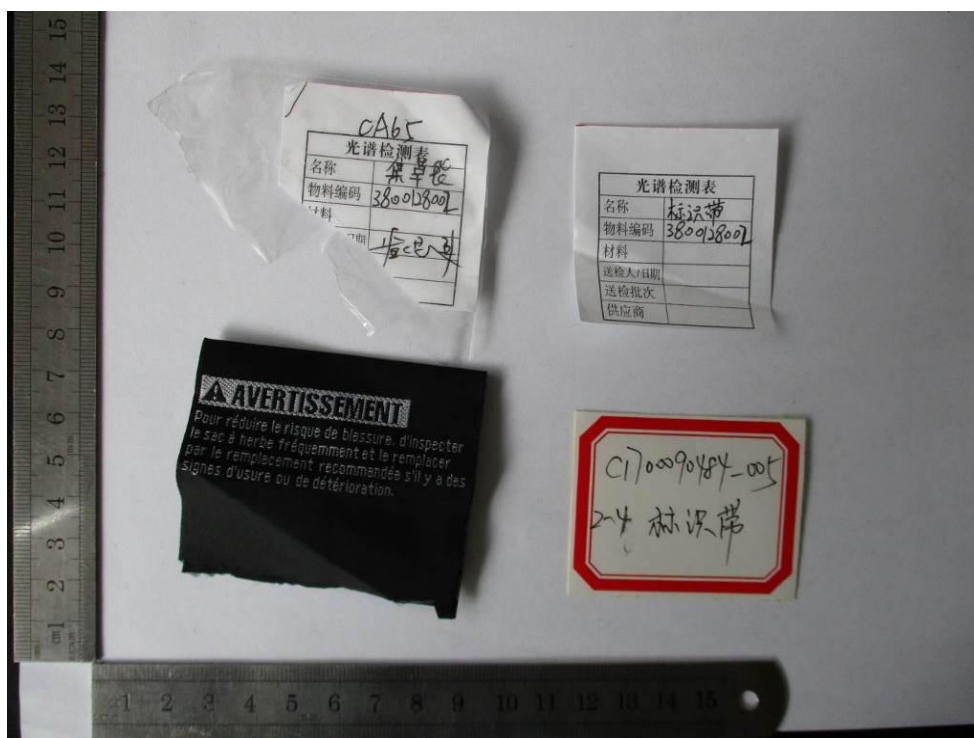
Tested item:	C1700090484-002 2-1 绿色胶皮 Grass Catcher			
Parameter	CAS No	Unit	MDL	Result
Diisobutyl phthalate(DIBP)	84-69-5	%	0.005	< MDL
Dibutyl phthalate (DBP)	84-74-2	%	0.005	0.009
Bis (2-methoxyethyl) phthalate (DMEP)	117-82-8	%	0.005	< MDL
Butyl benzyl phthalate (BBP)	85-68-7	%	0.005	< MDL
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	%	0.005	< MDL
Di-cyclohexyl phthalate (DCHP)	84-61-7	%	0.01	< MDL
Di-n-octyl phthalate (DNOP)	117-84-0	%	0.005	< MDL
Di-iso-nonyl phthalate (DINP)	28553-12-0	%	0.01	< MDL
Di-iso-decyl phthalate (DIDP)	26761-40-0	%	0.01	< MDL



Tested item:	C1700090484-003 2-2 白色胶皮 Grass Catcher			
Parameter	CAS No	Unit	MDL	Result
Diisobutyl phthalate(DIBP)	84-69-5	%	0.005	< MDL
Dibutyl phthalate (DBP)	84-74-2	%	0.005	0.008
Bis (2-methoxyethyl) phthalate (DMEP)	117-82-8	%	0.005	< MDL
Butyl benzyl phthalate (BBP)	85-68-7	%	0.005	< MDL
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	%	0.005	< MDL
Di-cyclohexyl phthalate (DCHP)	84-61-7	%	0.01	< MDL
Di-n-octyl phthalate (DNOP)	117-84-0	%	0.005	< MDL
Di-iso-nonyl phthalate (DINP)	28553-12-0	%	0.01	< MDL
Di-iso-decyl phthalate (DIDP)	26761-40-0	%	0.01	< MDL



Tested item:	C1700090484-004 2-3 黑色布料 Grass Catcher			
Parameter	CAS No	Unit	MDL	Result
Diisobutyl phthalate(DIBP)	84-69-5	%	0.005	< MDL
Dibutyl phthalate (DBP)	84-74-2	%	0.005	< MDL
Bis (2-methoxyethyl) phthalate (DMEP)	117-82-8	%	0.005	< MDL
Butyl benzyl phthalate (BBP)	85-68-7	%	0.005	< MDL
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	%	0.005	< MDL
Di-cyclohexyl phthalate (DCHP)	84-61-7	%	0.01	< MDL
Di-n-octyl phthalate (DNOP)	117-84-0	%	0.005	< MDL
Di-iso-nonyl phthalate (DINP)	28553-12-0	%	0.01	< MDL
Di-iso-decyl phthalate (DIDP)	26761-40-0	%	0.01	< MDL



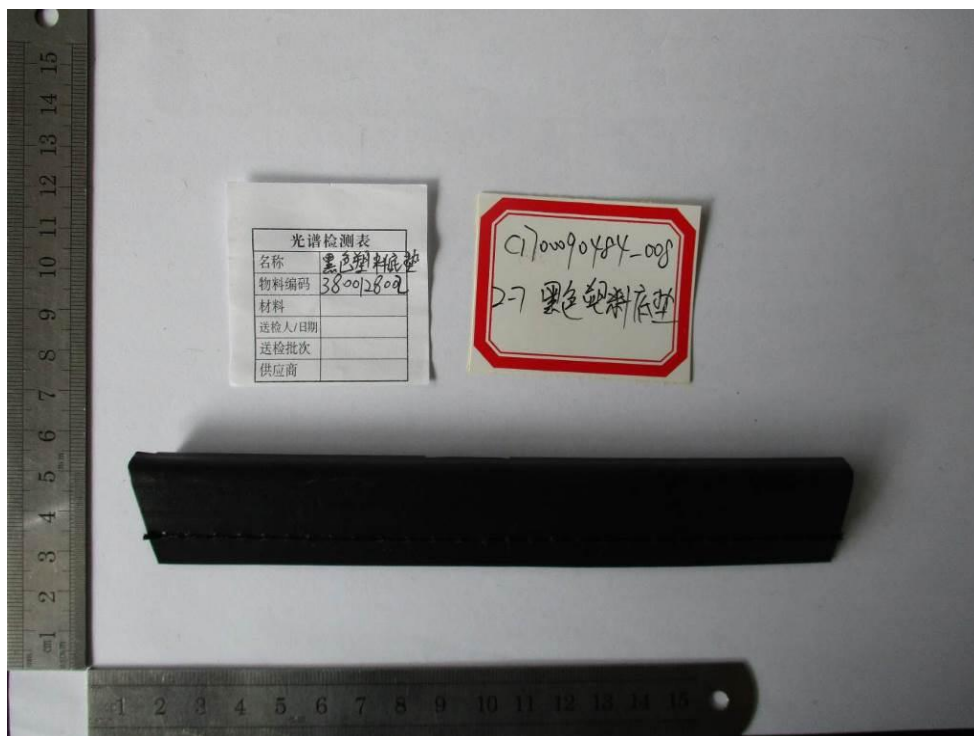
Tested item:	C1700090484-005 2-4 标识带 Grass Catcher			
Parameter	CAS No	Unit	MDL	Result
Diisobutyl phthalate(DIBP)	84-69-5	%	0.005	< MDL
Dibutyl phthalate (DBP)	84-74-2	%	0.005	< MDL
Bis (2-methoxyethyl) phthalate (DMEP)	117-82-8	%	0.005	< MDL
Butyl benzyl phthalate (BBP)	85-68-7	%	0.005	< MDL
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	%	0.005	< MDL
Di-cyclohexyl phthalate (DCHP)	84-61-7	%	0.01	< MDL
Di-n-octyl phthalate (DNOP)	117-84-0	%	0.005	< MDL
Di-iso-nonyl phthalate (DINP)	28553-12-0	%	0.01	< MDL
Di-iso-decyl phthalate (DIDP)	26761-40-0	%	0.01	< MDL



Tested item:	C1700090484-006 2-5 带子(黑) Grass Catcher			
Parameter	CAS No	Unit	MDL	Result
Diisobutyl phthalate(DIBP)	84-69-5	%	0.005	< MDL
Dibutyl phthalate (DBP)	84-74-2	%	0.005	< MDL
Bis (2-methoxyethyl) phthalate (DMEP)	117-82-8	%	0.005	< MDL
Butyl benzyl phthalate (BBP)	85-68-7	%	0.005	< MDL
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	%	0.005	< MDL
Di-cyclohexyl phthalate (DCHP)	84-61-7	%	0.01	< MDL
Di-n-octyl phthalate (DNOP)	117-84-0	%	0.005	< MDL
Di-iso-nonyl phthalate (DINP)	28553-12-0	%	0.01	< MDL
Di-iso-decyl phthalate (DIDP)	26761-40-0	%	0.01	< MDL



Tested item:	C1700090484-007 2-6 黑色塑料底片 Grass Catcher			
Parameter	CAS No	Unit	MDL	Result
Diisobutyl phthalate(DIBP)	84-69-5	%	0.005	< MDL
Dibutyl phthalate (DBP)	84-74-2	%	0.005	< MDL
Bis (2-methoxyethyl) phthalate (DMEP)	117-82-8	%	0.005	< MDL
Butyl benzyl phthalate (BBP)	85-68-7	%	0.005	< MDL
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	%	0.005	< MDL
Di-cyclohexyl phthalate (DCHP)	84-61-7	%	0.01	< MDL
Di-n-octyl phthalate (DNOP)	117-84-0	%	0.005	< MDL
Di-iso-nonyl phthalate (DINP)	28553-12-0	%	0.01	< MDL
Di-iso-decyl phthalate (DIDP)	26761-40-0	%	0.01	< MDL



Tested item:	C1700090484-008 2-7 黑色塑料底垫 Grass Catcher			
Parameter	CAS No	Unit	MDL	Result
Diisobutyl phthalate(DIBP)	84-69-5	%	0.005	< MDL
Dibutyl phthalate (DBP)	84-74-2	%	0.005	< MDL
Bis (2-methoxyethyl) phthalate (DMEP)	117-82-8	%	0.005	< MDL
Butyl benzyl phthalate (BBP)	85-68-7	%	0.005	< MDL
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	%	0.005	< MDL
Di-cyclohexyl phthalate (DCHP)	84-61-7	%	0.01	< MDL
Di-n-octyl phthalate (DNOP)	117-84-0	%	0.005	< MDL
Di-iso-nonyl phthalate (DINP)	28553-12-0	%	0.01	< MDL
Di-iso-decyl phthalate (DIDP)	26761-40-0	%	0.01	< MDL



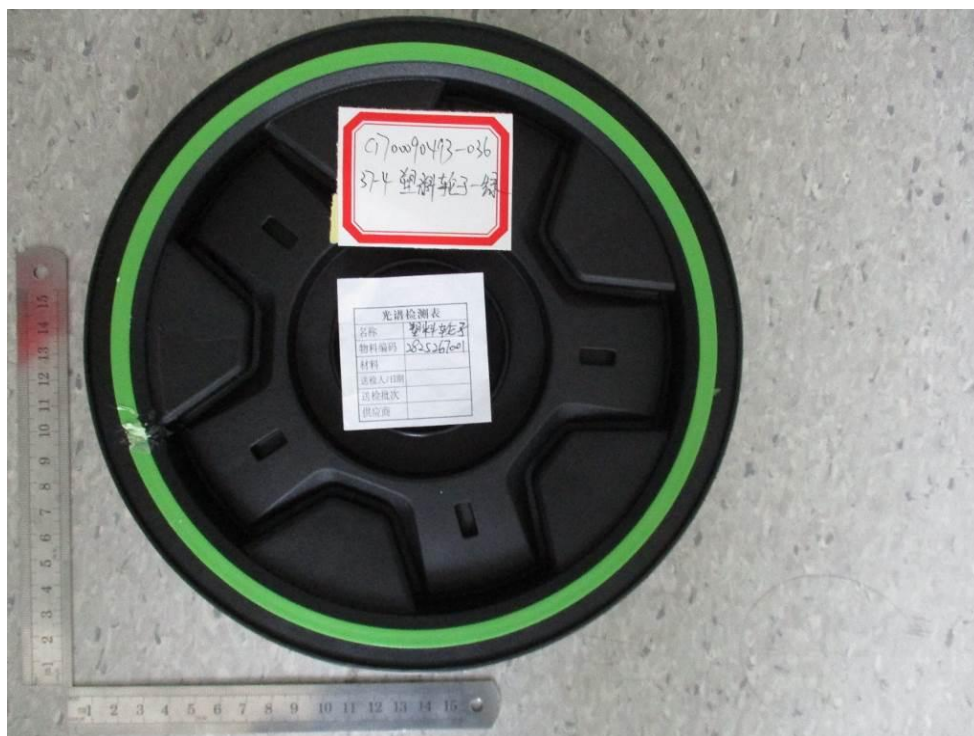
Tested item:	C1700090493-033 37-1 黑色塑胶皮 Wheel Assembly			
Parameter	CAS No	Unit	MDL	Result
Diisobutyl phthalate(DIBP)	84-69-5	%	0.005	< MDL
Dibutyl phthalate (DBP)	84-74-2	%	0.005	< MDL
Bis (2-methoxyethyl) phthalate (DMEP)	117-82-8	%	0.005	< MDL
Butyl benzyl phthalate (BBP)	85-68-7	%	0.005	< MDL
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	%	0.005	< MDL
Di-cyclohexyl phthalate (DCHP)	84-61-7	%	0.01	< MDL
Di-n-octyl phthalate (DNOP)	117-84-0	%	0.005	< MDL
Di-iso-nonyl phthalate (DINP)	28553-12-0	%	0.01	< MDL
Di-iso-decyl phthalate (DIDP)	26761-40-0	%	0.01	< MDL



Tested item:	C1700090493-034 37-2 白色塑料 Wheel Assembly			
Parameter	CAS No	Unit	MDL	Result
Diisobutyl phthalate(DIBP)	84-69-5	%	0.005	< MDL
Dibutyl phthalate (DBP)	84-74-2	%	0.005	< MDL
Bis (2-methoxyethyl) phthalate (DMEP)	117-82-8	%	0.005	< MDL
Butyl benzyl phthalate (BBP)	85-68-7	%	0.005	< MDL
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	%	0.005	< MDL
Di-cyclohexyl phthalate (DCHP)	84-61-7	%	0.01	< MDL
Di-n-octyl phthalate (DNOP)	117-84-0	%	0.005	< MDL
Di-iso-nonyl phthalate (DINP)	28553-12-0	%	0.01	< MDL
Di-iso-decyl phthalate (DIDP)	26761-40-0	%	0.01	< MDL



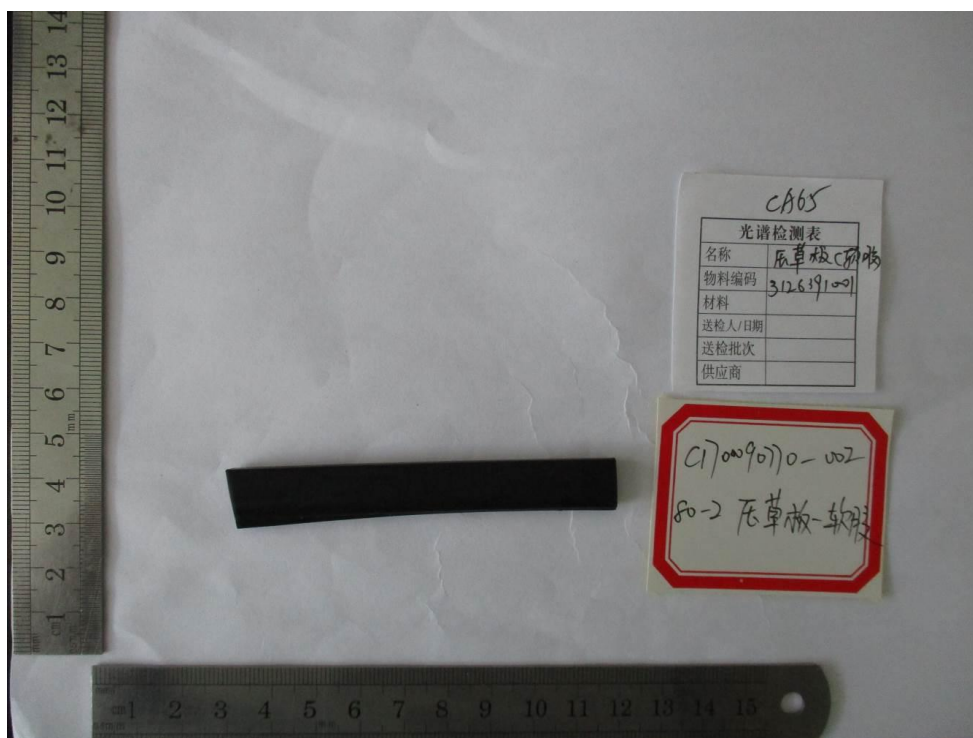
Tested item:	C1700090493-035 37-3 塑料轮子-黑 Wheel Assembly			
Parameter	CAS No	Unit	MDL	Result
Diisobutyl phthalate(DIBP)	84-69-5	%	0.005	< MDL
Dibutyl phthalate (DBP)	84-74-2	%	0.005	< MDL
Bis (2-methoxyethyl) phthalate (DMEP)	117-82-8	%	0.005	< MDL
Butyl benzyl phthalate (BBP)	85-68-7	%	0.005	< MDL
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	%	0.005	< MDL
Di-cyclohexyl phthalate (DCHP)	84-61-7	%	0.01	< MDL
Di-n-octyl phthalate (DNOP)	117-84-0	%	0.005	< MDL
Di-iso-nonyl phthalate (DINP)	28553-12-0	%	0.01	< MDL
Di-iso-decyl phthalate (DIDP)	26761-40-0	%	0.01	< MDL



Tested item:	C1700090493-036 37-4 塑料轮子-绿 Wheel Assembly			
Parameter	CAS No	Unit	MDL	Result
Diisobutyl phthalate(DIBP)	84-69-5	%	0.005	< MDL
Dibutyl phthalate (DBP)	84-74-2	%	0.005	< MDL
Bis (2-methoxyethyl) phthalate (DMEP)	117-82-8	%	0.005	< MDL
Butyl benzyl phthalate (BBP)	85-68-7	%	0.005	< MDL
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	%	0.005	< MDL
Di-cyclohexyl phthalate (DCHP)	84-61-7	%	0.01	< MDL
Di-n-octyl phthalate (DNOP)	117-84-0	%	0.005	< MDL
Di-iso-nonyl phthalate (DINP)	28553-12-0	%	0.01	< MDL
Di-iso-decyl phthalate (DIDP)	26761-40-0	%	0.01	< MDL



Tested item:	C1700090770-001 80-1 压草板-硬胶 Trail Shield			
Parameter	CAS No	Unit	MDL	Result
Diisobutyl phthalate(DIBP)	84-69-5	%	0.005	< MDL
Dibutyl phthalate (DBP)	84-74-2	%	0.005	< MDL
Bis (2-methoxyethyl) phthalate (DMEP)	117-82-8	%	0.005	< MDL
Butyl benzyl phthalate (BBP)	85-68-7	%	0.005	< MDL
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	%	0.005	0.021
Di-cyclohexyl phthalate (DCHP)	84-61-7	%	0.01	< MDL
Di-n-octyl phthalate (DNOP)	117-84-0	%	0.005	< MDL
Di-iso-nonyl phthalate (DINP)	28553-12-0	%	0.01	< MDL
Di-iso-decyl phthalate (DIDP)	26761-40-0	%	0.01	< MDL



Tested item:	C1700090770-002 80-2 压草板-软胶 Trail Shield			
Parameter	CAS No	Unit	MDL	Result
Diisobutyl phthalate(DIBP)	84-69-5	%	0.005	< MDL
Dibutyl phthalate (DBP)	84-74-2	%	0.005	< MDL
Bis (2-methoxyethyl) phthalate (DMEP)	117-82-8	%	0.005	< MDL
Butyl benzyl phthalate (BBP)	85-68-7	%	0.005	< MDL
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	%	0.005	< MDL
Di-cyclohexyl phthalate (DCHP)	84-61-7	%	0.01	< MDL
Di-n-octyl phthalate (DNOP)	117-84-0	%	0.005	< MDL
Di-iso-nonyl phthalate (DINP)	28553-12-0	%	0.01	< MDL
Di-iso-decyl phthalate (DIDP)	26761-40-0	%	0.01	< MDL



Tested item:	C1700090770-004 82 橡胶垫 Rubber Pad			
Parameter	CAS No	Unit	MDL	Result
Diisobutyl phthalate(DIBP)	84-69-5	%	0.005	< MDL
Dibutyl phthalate (DBP)	84-74-2	%	0.005	< MDL
Bis (2-methoxyethyl) phthalate (DMEP)	117-82-8	%	0.005	< MDL
Butyl benzyl phthalate (BBP)	85-68-7	%	0.005	< MDL
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	%	0.005	< MDL
Di-cyclohexyl phthalate (DCHP)	84-61-7	%	0.01	< MDL
Di-n-octyl phthalate (DNOP)	117-84-0	%	0.005	< MDL
Di-iso-nonyl phthalate (DINP)	28553-12-0	%	0.01	< MDL
Di-iso-decyl phthalate (DIDP)	26761-40-0	%	0.01	< MDL

MDL= Method Detection Limit

Note:

The sample conclusion is according to CA prop 65 & client request.

Parameters	Limit [% by Weight]
DIBP, DBP, DMEP, BBP, DEHP, DNOP, DINP, DIDP each	<0.1% (w/w)

II Total Lead & Cadmium Content - Reference to California Proposition 65

List of Chemicals & As Client's requirement

Product Name	Material Code	Test Data (mg/kg(ppm))								Tested Result
		Cd	3sigma	Pb	3sigma	Cr	3sigma	Hg	3sigma	
13-1 轮胎皮 Wheel Assembly	2824429 001	0.1	16.8	3.1	11.8	0.0	126.5	1.6	11.7	PASS
13-2 塑料轮 Wheel Assembly	2824429 001	3.8	37.8	7.2	15.8	0.0	41.5	4.7	12.6	PASS
13-3 绿色装饰环 Wheel Assembly	2824429 001	0.7	23.8	8.9	11.4	0.0	30.0	4.9	9.2	PASS
13-4 轴承架 Wheel Assembly	2824429 001	11.3	30.6	195.5	84.2	Cr ⁶⁺ Negative		5.1	110.2	PASS
2-1 绿色胶皮 Grass Catcher	3800128 002	0.1	40.1	0.0	16.4	2.3	42.5	3.6	14.1	PASS
2-2 白色胶皮 Grass Catcher	3800128 002	9.1	20.3	0.7	7.8	4.2	28.6	1.8	6.7	PASS
2-3 黑色布料 Grass Catcher	3800128 002	13.6	36.0	0.0	14.4	0.0	32.4	4.0	11.4	PASS
2-4 标识带 Grass Catcher	3800128 002	18.5	25.4	2.0	10.0	7.5	18.7	2.7	8.2	PASS
2-5 带子 (黑) Grass Catcher	3800128 002	0.1	32.5	0.0	14.6	0.1	24.3	6.5	11.3	PASS
2-6 黑色塑料底片 Grass Catcher	3800128 002	15.8	17.2	8.1	8.3	0.5	28.1	1.1	6.8	PASS
2-7 黑色塑料底垫 Grass Catcher	3800128 002	0.6	17.7	9.4	8.8	0.0	33.7	1.5	7.1	PASS
37-1 黑色塑胶皮 Wheel Assembly	2825267 001	6.8	31.2	0.0	41.0	41.5	462.8	11.9	43.6	PASS
37-2 白色塑料 Wheel Assembly	2825267 001	10.4	18.1	2.0	7.2	0.0	33.2	2.4	6.1	PASS
37-3 塑料轮子-黑 Wheel Assembly	2825267 001	8.1	9.9	0.9	6.8	0.0	33.5	0.9	6.8	PASS
37-4 塑料轮子-绿 Wheel Assembly	2825267 001	10.7	26.5	5.8	9.2	0.5	57.7	3.1	8.3	PASS
80-1 压草板-硬胶 Trail Shield	3126391 001	0.0	20.1	30.6	27.6	0.0	402.1	7.0	28.4	PASS
80-2 压草板-软胶 Trail Shield	3126391 001	7.5	28.5	17.8	29.5	25.6	371.0	13.6	29.3	PASS
82 橡胶垫 Rubber Pad	3128083 001	0.0	19.4	1.7	6.7	0.3	24.6	0.2	7.3	PASS
66 扳机 (漆层) Control Handle	3705372 001	3.4	13.5	7.6	20.5	0.0	54.6	2.2	4.4	PASS
70 扳机 (漆层) Control Handle ASSY	2824118 001	5.4	16.6	0.5	25.2	0.0	51.1	2.4	5.8	PASS

*****END OF REPORT*****