



中国认可  
检测  
TESTING  
CNAS L1307

# TEST REPORT

**BUREAU  
VERITAS**

LAB NO. : (6623)281-0459  
DATE : October 13, 2023  
PAGE : 1 OF 9

Applicant 申请人公司名称:

**DELI GROUP CO., LTD.**

得力集团有限公司

DELI INDUSTRIAL PARK, NINGHAI COUNTY, NINGBO CITY, ZHEJIANG PROVINCE, 315600

浙江省宁波市宁海县得力工业园

Date of Submission 样品收取日期:

2023-10-08

Test Period 所需工作周期:

2023-10-08 to 2023-10-13

Sample Mode 来样方式:

Sample Presentation 委托单位送样

BV EE Ref. No. BV 参考编号:

/

Sample Description 样品描述:	Sample(s) received is(are) stated to be 收到的送测样品为: 封箱胶带 (sealing tape)		
Manufacturer 制造商:	/	Buyer 买家:	/
Style No(s) 款号:	/	PO No. 采购订单号:	/
Country of Origin 原产国:	/	Country of Destination 目的国:	Oversea Country

Test Item(s) 测试项目:

Details see page 2 详见第二页

**REMARK/备注**

If there are questions or concerns on this report, please contact the following persons:

若有任何疑问或咨询, 可通过下述联络方式与我们联系

General enquiry and invoicing

其他问题

Technical enquiry

技术问题

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**BUREAU VERITAS**

CONSUMER PRODUCTS SERVICES DIVISION (SHANGHAI)

必维国际检验集团-必维申美商品检测(上海)有限公司

Laboratory Test Location 实验室检测地址:

No.368,Guangzhong Road, Zhuanqiao Town, Minhang, Shanghai 上海市闵行区光中路 368 号

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This report is governed by, and incorporates by reference, the Conditions of Testing as posted at the date of issuance of this report at <http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions/> and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. Statements of conformity are based on simple acceptance criteria without taking measurement uncertainty into account, unless otherwise requested in writing. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence or if you require measurement uncertainty; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



**BUREAU  
VERITAS**

**LAB NO. :** (6623)281-0459  
**DATE :** October 13, 2023  
**PAGE :** 2 OF 9

**SUMMARY OF TEST RESULTS 测试结果摘要**

<b>TEST REQUESTED 测试要求</b>	<b>CONCLUSION 结论</b>	<b>REMARK 备注</b>
Halogen (fluorine, chlorine, bromine, iodine) Content 卤素(氟、氯、溴、碘)含量	-	See Result 见结果页
Polycyclic Aromatic Hydrocarbons (PAHs) Content - AfPS GS 2019:01 PAK & As Applicant's requirement 多环芳烃(PAHs)含量- AfPS GS 2019:01 PAK & 按照客户要求	-	See Result 见结果页
European Parliament and Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) with its Amendments (EU) 2015/863 有关欧盟委员会针对电子产品的指令(电子电器禁用某些有害物质指令), 2011/65/EU 及其修订条款 (EU) 2015/863	<b>PASS 通过</b>	-

Note 注释: Chinese translation of report just for reference only, English report shall prevail if you have any objection.  
 报告中文翻译仅供参考, 如有异议以英文报告内容为准。

Remark: Testing as sample submitted by client, this test report is only responsible for the conformity of the tested items. The representative and authenticity of the samples submitted are responsible for the client.

备注: 对委托来样检测, 本检测报告仅对所检项目的符合性负责, 送检样品的代表性和真实性由委托人负责。

**Sample Description Assigned by Laboratory:**  
**实验室对样品的描述:**

<b>Test Item 测试项目</b>	<b>Description 描述</b>
1	Transparent tape with adhesive

Note 注释: g = gram(s) 克  
 mcg = microgram(s) 微克  
 mg/kg = milligram per kilogram 毫克每千克  
 mg/L = milligram per litre 毫克每升  
 g/kg = gram(s) per kilogram 克每千克  
 MDL = Method Detection Limit 方法检测限  
 ND = Not Detected (< MDL) 未检出  
 EX = Exempted 豁免

% = percentage 百分比  
 1 mg/kg = 0.0001%  
 "<" = less than 小于  
 ">" = Greater than 大于  
 Req. = Requirement 要求  
 "-" = Not Regulated 未规定  
 NA = Not applicable 不适用



**BUREAU  
VERITAS**

LAB NO. : (6623)281-0459  
DATE : October 13, 2023  
PAGE : 3 OF 9

**Photo of the Submitted Sample**  
**递交样品照片**





**BUREAU**  
**VERITAS**

LAB NO. : (6623)281-0459  
DATE : October 13, 2023  
PAGE : 4 OF 9

### TEST RESULT 测试结果

#### Halogen (fluorine, chlorine, bromine, iodine) Content

#### 卤素（氟、氯、溴、碘）含量

Test Method: Sample was firstly combusted and absorbed with solvent, then analyzed by ion chromatography  
测试方法: (Reference to EN14582:2016).  
将样品燃烧后用溶剂吸收, 然后用离子色谱仪分析。(参照 EN14582:2016)

Parameter 参数	Unit 单位	MDL 方法检测限	Result 结果
			1
Fluorine 氟	mg/kg	100	ND
Chlorine 氯	mg/kg	50	ND
Bromine 溴	mg/kg	50	ND
Iodine 碘	mg/kg	100	ND



**TEST RESULT 测试结果**

**Polycyclic Aromatic Hydrocarbons (PAHs) Content - AfPS GS 2019:01 PAK & As Applicant's requirement  
多环芳烃(PAHs)含量- AfPS GS 2019:01 PAK & 按照客户要求**

Test Method: Reference to test method mentioned in German AfPS GS 2019:01 PAK  
测试方法: 参照德国 AfPS GS 2019:01 PAK 提及之测试方法

Parameter 参数	Unit 单位	Result 结果	Maximum Allowable Limit 最大允许限值				
			Category 1 类别 1	Category 2 类别 2		Category 3 类别 3	
		1	-	A	B	A	B
Benzo[a]pyrene 苯并[a]芘	mg/kg	<0.2	<0.2	<0.2	<0.5	<0.5	<1
Benzo[e]pyrene 苯并[e]芘	mg/kg	<0.2	<0.2	<0.2	<0.5	<0.5	<1
Benzo[a]anthracene 苯并[a]蒽	mg/kg	<0.2	<0.2	<0.2	<0.5	<0.5	<1
Benzo[b]fluoranthene 苯并[b]荧蒽	mg/kg	<0.2	<0.2	<0.2	<0.5	<0.5	<1
Benzo[j]fluoranthene 苯并[j]荧蒽	mg/kg	<0.2	<0.2	<0.2	<0.5	<0.5	<1
Benzo[k]fluoranthene 苯并[k]荧蒽	mg/kg		<0.2	<0.2	<0.5	<0.5	<1
Chrysene 屈	mg/kg	<0.2	<0.2	<0.2	<0.5	<0.5	<1
Dibenzo[a,h]anthracene 二苯并[a,h]蒽	mg/kg	<0.2	<0.2	<0.2	<0.5	<0.5	<1
Benzo[g,h,i]perylene 苯并[g,h,i]比	mg/kg	<0.2	<0.2	<0.2	<0.5	<0.5	<1
Indeno[1,2,3-cd]pyrene 茚并[1,2,3-cd]芘	mg/kg	<0.2	<0.2	<0.2	<0.5	<0.5	<1
*Phenanthrene *菲	mg/kg	<0.2	-	-	-	-	-
*Pyrene *芘	mg/kg	<0.2					
*Anthracene *蒽	mg/kg	<0.2					
*Fluoranthene *荧蒽	mg/kg	<0.2					
*Sum of 4 PAHs *4 PAHs 总和	mg/kg	<0.2					
Naphthalene 萘	mg/kg	<0.2	<1	<2	<2	<10	<10
Sum of 15 PAHs 15 PAHs 总和	mg/kg	<0.2	<1	<5	<10	<20	<50

**Conclusion 结论:**

Test Item 测试项目	Category 1 类别 1	Category 2 类别 2		Category 3 类别 3	
		A	B	A	B
1	/	/	Pass 通过	/	Pass 通过



Note 注释:

Category 1 类别 1	Materials intended to be put in the mouth or materials in toys according to the toy directive 2009/48/EC, or materials in products for use of children up to three years with long-term intended skin contact (Longer than 30 seconds) according intended use 拟放入口中的材料或依据指令 2009/48/EC 玩具中的材料, 或产品中的材料根据预期用途供三岁以下儿童使用并与皮肤长期 (大于 30 秒) 接触的材料
Category 2 类别 2	Materials not covered by Category 1, with long-term skin contact (Longer than 30 seconds) or repeated short-term skin contact according intended use or foreseeable use 类别 1 中未涉及, 根据预期或可预见的用途, 长期 (大于 30 秒) 或重复短期接触皮肤的材料
Category 3 类别 3	Materials not covered by Category 1 or 2 with short term skin contact (Up to 30 seconds) according intended use or foreseeable use 类别 1 和 2 中未涉及, 根据预期或可预见的用途, 短期 (小于 30 秒) 接触皮肤的材料
A	denotes as use by children before the age 14 with active and passive direct contact 表示为供 14 岁以下儿童使用 (主动和被动直接接触)
B	denotes as other consumer products 表示为其它消费产品

Remark 备注:

- Single components with an amount of <0.2 mg/kg were not considered by the calculation of the sum. In the case of all 15 PAHs were not detected, the result is stated <0.2 mg/kg.  
单组分含量<0.2mg/kg 不计入总和, 15 种 PAHs 都未被检出, 总和<0.2mg/kg
- \*4 PAHs - Phenanthrene, Pyrene, Anthracene, Fluoranthene  
\* 4 种多环芳烃- 菲, 芘, 葱, 荧葱
- Category was specified by client.  
类别由客户指定



**BUREAU  
VERITAS**

LAB NO. : (6623)281-0459  
DATE : October 13, 2023  
PAGE : 7 OF 9

**TEST RESULT 测试结果**

**European Parliament and Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) with its Amendments (EU) 2015/863**

有关欧盟委员会针对电子产品的指令(电子电器禁用某些有害物质指令), 2011/65/EU 及其修订条款 (EU) 2015/863

Test Method 测试方法 : See Appendix. 见附录。

	Unit 单位	MDL 方法检测限	Maximum Allowable Limit (Req.) 最大允许限值 (要求)	Result 结果	
<b>Test Item 测试项目</b>	-	-	-	<b>1</b>	
<b>Parameter 参数</b>	-	-	-	-	
Lead (Pb)铅	mg/kg	2	1000	ND	
Cadmium (Cd)镉	mg/kg	2	100	ND	
Mercury (Hg)汞	mg/kg	2	1000	ND	
Chromium VI (Cr VI)六价铬	mg/kg	8	1000	ND	
MonoBB 一溴联苯	mg/kg	5	/	ND	
DiBB 二溴联苯	mg/kg	5		ND	
TriBB 三溴联苯	mg/kg	5		ND	
TetraBB 四溴联苯	mg/kg	5		ND	
PentaBB 五溴联苯	mg/kg	5		ND	
HexaBB 六溴联苯	mg/kg	5		ND	
HeptaBB 七溴联苯	mg/kg	5		ND	
OctaBB 八溴联苯	mg/kg	5		ND	
NonaBB 九溴联苯	mg/kg	5		ND	
DecaBB 十溴联苯	mg/kg	5		ND	
Sum of PBBs 多溴联苯总和	mg/kg	-		1000	ND
MonoBDE 一溴二苯醚	mg/kg	5		/	ND
DiBDE 二溴二苯醚	mg/kg	5			ND
TriBDE 三溴二苯醚	mg/kg	5			ND
TetraBDE 四溴二苯醚	mg/kg	5	ND		
PentaBDE 五溴二苯醚	mg/kg	5	ND		
HexaBDE 六溴二苯醚	mg/kg	5	ND		
HeptaBDE 七溴二苯醚	mg/kg	5	ND		
OctaBDE 八溴二苯醚	mg/kg	5	ND		
NonaBDE 九溴二苯醚	mg/kg	5	ND		
DecaBDE 十溴二苯醚	mg/kg	5	ND		
Sum of PBDEs 多溴二苯醚总和	mg/kg	-	1000	ND	
Dibutyl phthalate (DBP) 邻苯二甲酸二丁酯	mg/kg	50	1000	ND	
Butyl benzyl phthalate (BBP) 邻苯二甲酸丁基苯基酯	mg/kg	50	1000	ND	
Di-2-ethylhexyl phthalate (DEHP) 邻苯二甲酸二(2-乙基己基)酯	mg/kg	50	1000	ND	
Diisobuty phthalate (DIBP) 邻苯二甲酸二异丁酯	mg/kg	50	1000	ND	
<b>Conclusion 结论</b>	-	-	-	<b>PASS 通过</b>	



**BUREAU**  
**VERITAS**

LAB NO. : (6623)281-0459  
DATE : October 13, 2023  
PAGE : 8 OF 9

Remark 备注:

- The list of analytes is summarized in table of Appendix. 分析物列表 – 见附录。
- Result(s) of Cr VI for metallic material(s) was (were) expressed in term of positive and negative. Negative means the absence of Cr VI on the tested areas and the result(s) was (were) regarded as in compliance with European Parliament and Council Directive 2011/65/EU, Article 4(1). While, positive means the presence of Cr VI on tested areas and the result(s) was (were) regarded as in conflict with European Parliament and Council Directive 2011/65/EU, Article 4(1).  
金属材料的六价铬结果以阴性和阳性表示。阴性表示六价铬未被检出在测试表面，即结果被认为符合 2011/65/EU 指令中，条款 4(1) 的要求。而阳性则表示六价铬存在在测试表面，即不符合 2011/65/EU 指令中，条款 4(1)的要求。
- According to European Parliament and Council Directive 2011/65/EU, Article 5 “Adaptation of the Annexes to scientific and technical progress”, exemption(s) should be granted to the materials and components of Test Item(s) in the lists in Annexes III and IV of this directive.  
根据欧盟委员会 2011/65/EU 指令中，条款 5“适应科学技术进步的附件”，附件 III 和 IV 中列明的测试项目中的材料和部件可予以豁免。

END  
结束



APPENDIX 附录

List of Analytes and their Corresponding Test Methods [ European Parliament and Council Directive 2011/65/EU ] : 分析物名单及其相应的测试方法 [ 欧盟委员会指令 2011/65/EU ]:		
No.	Name of Analytes 分析物名称	Test Method(s) 测试方法
1	Lead (Pb) 铅	With reference to IEC 62321-5: 2013.
2	Cadmium (Cd) 镉	参照 IEC 62321-5: 2013.
3	Mercury (Hg) 汞	With reference to IEC 62321-4: 2013+AMD1: 2017. 参照 IEC 62321-4: 2013+AMD1: 2017.
4	Chromium VI (Cr VI) 六价铬	<u>Metal 金属:</u> With reference to IEC 62321-7-1:2015. 参照 IEC 62321-7-1: 2015. <u>Polymers &amp; Electronics 聚合物及电子件:</u> With reference to IEC 62321-7-2: 2017. 参照 IEC 62321-7-2: 2017. <u>Leather 皮革:</u> ISO 17075: 2017
5	Polybromobiphenyls (PBBs) 多溴联苯 - Bromobiphenyl (MonoBB) - Dibromobiphenyl (DiBB) - Tribromobiphenyl (TriBB) - Tetrabromobiphenyl (TetraBB) - Pentabromobiphenyl (PentaBB) - Hexabromobiphenyl (HexaBB) - Heptabromobiphenyl (HeptaBB) - Octabromobiphenyl (OctaBB) - Nonabromobiphenyl (NonaBB) - Decabromobiphenyl (DecaBB)	With reference to IEC 62321-6:2015. 参照 IEC 62321-6:2015.
6	Polybromodiphenyl ethers (PBDEs) 多溴二苯醚 - Bromodiphenyl ether (MonoBDE) - Dibromodiphenyl ether (DiBDE) - Tribromodiphenyl ether (TriBDE) - Tetrabromodiphenyl ether (TetraBDE) - Pentabromodiphenyl ether (PentaBDE) - Hexabromodiphenyl ether (HexaBDE) - Heptabromodiphenyl ether (HeptaBDE) - Octabromodiphenyl ether (OctaBDE) - Nonabromodiphenyl ether (NonaBDE) - Decabromodiphenyl ether (DecaBDE)	With reference to IEC 62321-6:2015. 参照 IEC 62321-6:2015.
7	Dibutyl phthalate (DBP) 邻苯二甲酸二丁酯 Butyl benzyl phthalate (BBP) 邻苯二甲酸丁基苄基酯 Di-2-ethylhexyl phthalate (DEHP) 邻苯二甲酸二(2-乙基己基)酯 Diisobuty phthalate (DIBP) 邻苯二甲酸二异丁酯	Reference to IEC 62321-8: 2017. 参照 IEC 62321-8: 2017.