Technical Report No. 64.165.19.03300.01B
Rev.00
Dated 2019-08-05

Client:	Guang Dong Xinbao Electrical Appliances Holdings Co.,Ltd.
Address:	Zhenghe South Road,Leliu Town,Shunde district, Foshan City, Guangdong, China.
Sample Description:	Mini chopper
Model No.:	MC365KA-GS
Sample Received Date:	2019-07-05
Test Period:	From 2019-07-17 to 2019-07-29
Purpose of examination:	Hexabromocyclododecane (HBCDD) Content
Test Result:	Refer to following page(s) **PASS**
Remark:	The result relates only to the items tested.

TÜV SÜD Certification and Testing (China) Co., Ltd. Guangzhou Branch
TÜV SÜD Group

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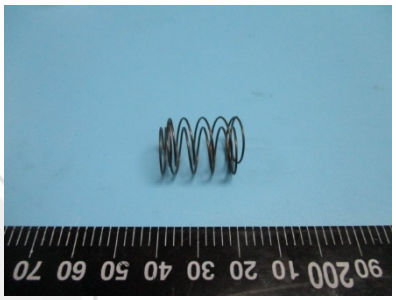
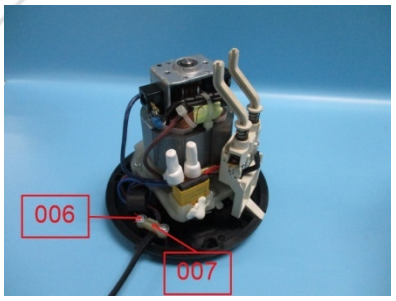
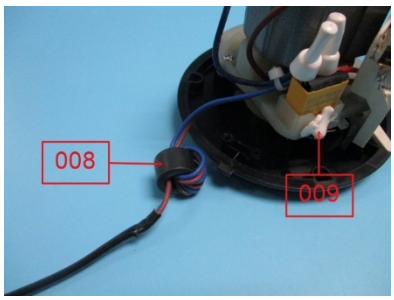
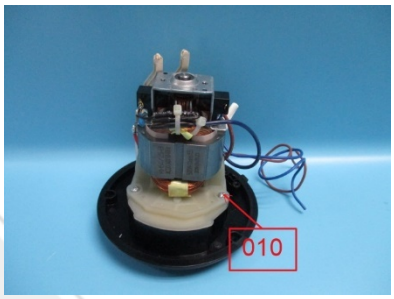
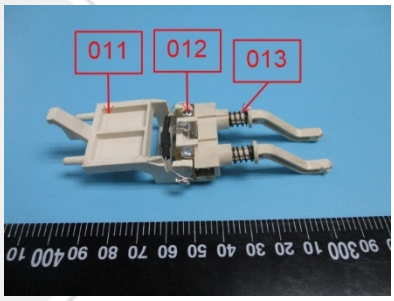
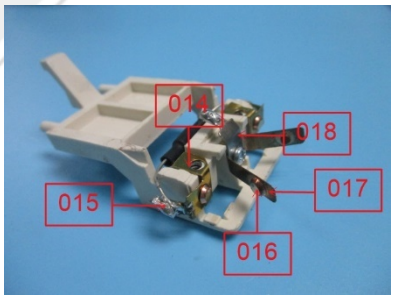
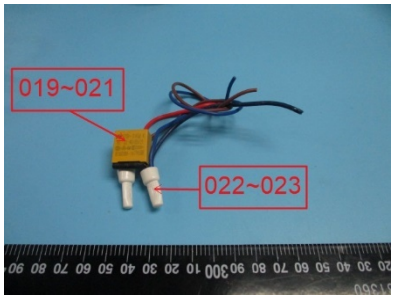
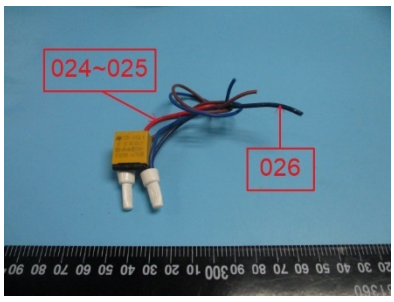
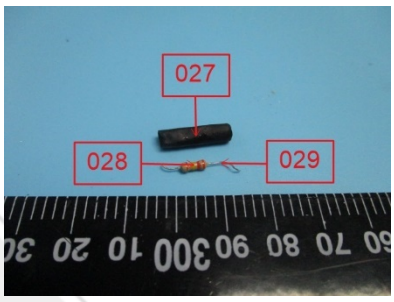
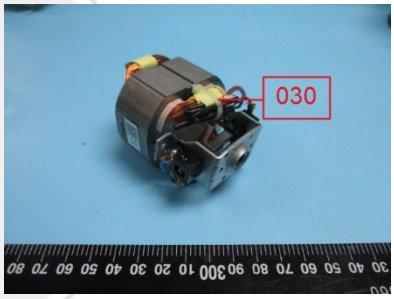
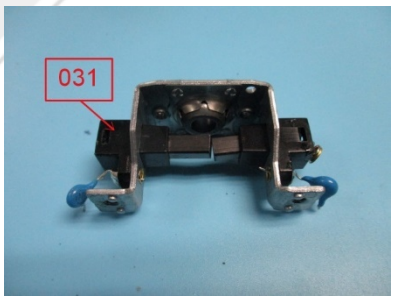
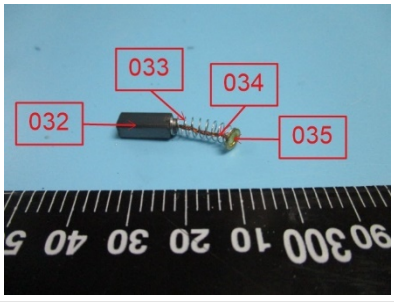
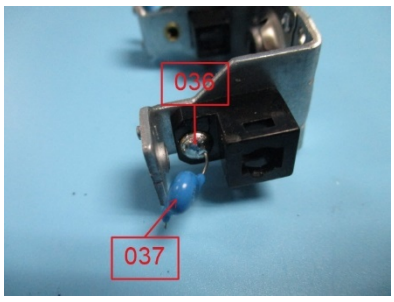
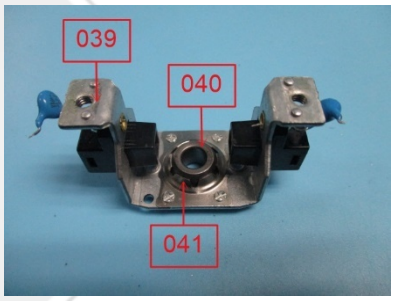
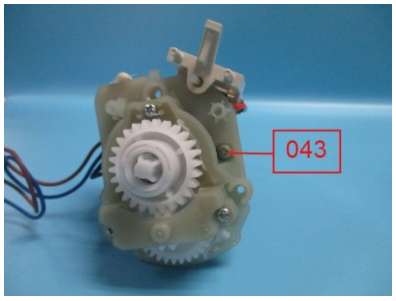
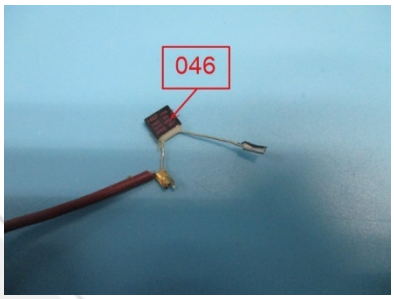
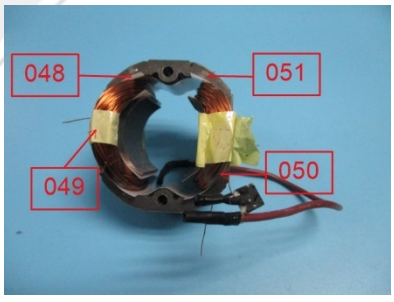
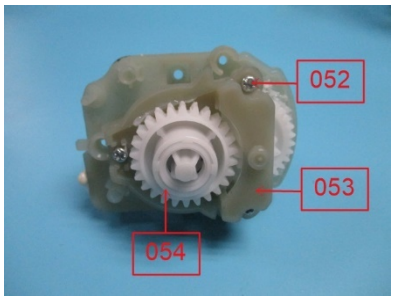
1. TESTED SUBJECT DESCRIPTION

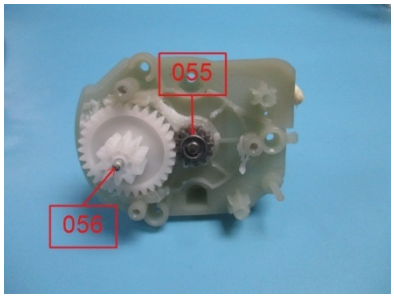
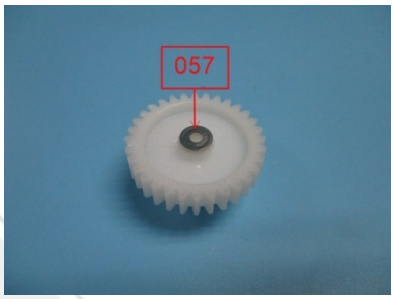
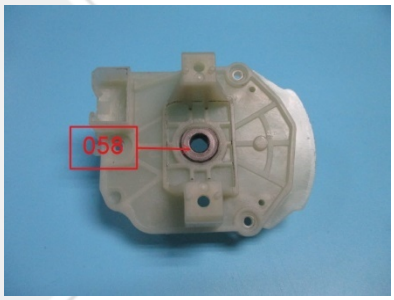
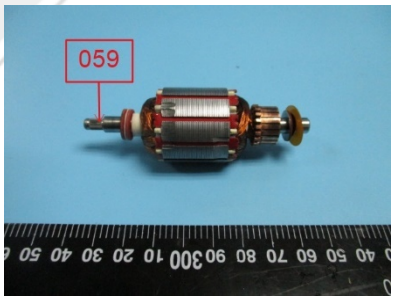
Sample Number	Tested Material Description	Photo
001	Black plastic button	
002	Grey plastic part	
003	Black plastic frame	
004	Silvery metal screw	
005	Silvery metal spring	
006	Silvery metal screw	
007	Beige plastic part	

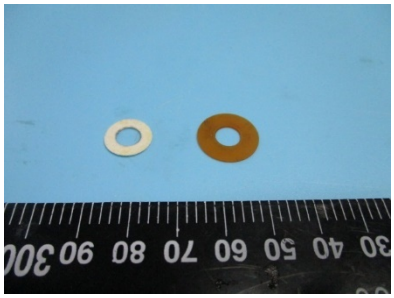
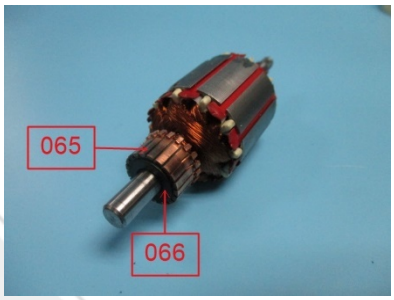
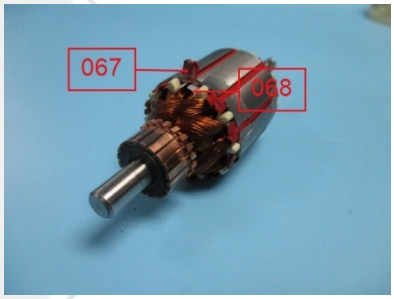
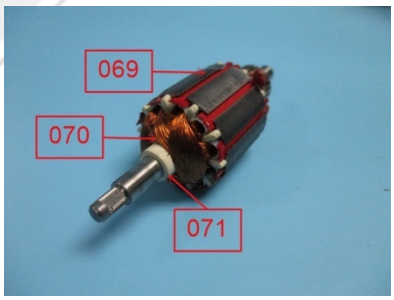
Sample Number	Tested Material Description	Photo
008	Grey core	
009	White soft plastic rubber	
010	Silvery metal screw	
011	White plastic part	
012	Silvery metal screw	
013	Black metal spring	
014	Golden metal sheet	
015	Silvery metal solder	
016	Coppery metal connect	
017	Copper-colored metal sheet	
018	Silvery metal sheet	
019	Yellow plastic shell	
020	Yellow filling	
021	Silvery metal foil	
022	White plastic cover	
023	Silvery metal joint inner	

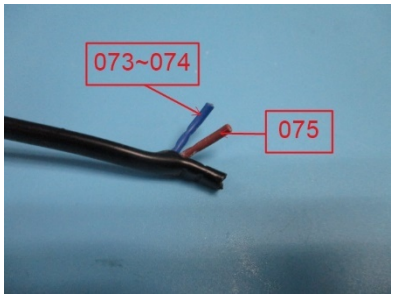
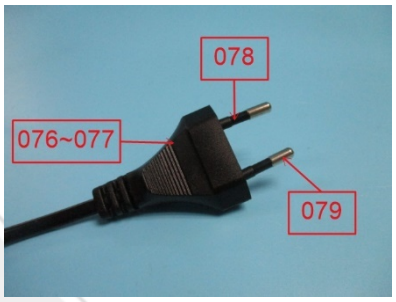
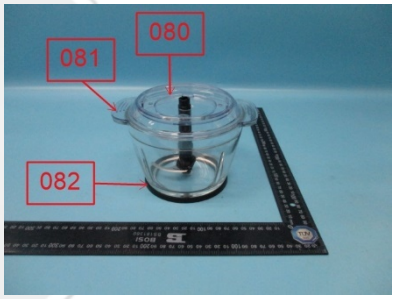
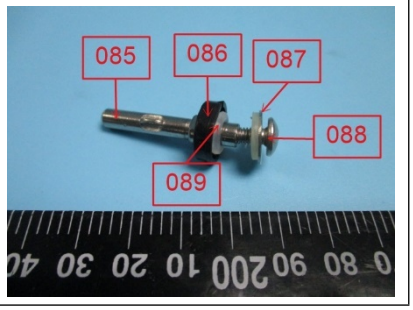
Sample Number	Tested Material Description	Photo
024	Red soft plastic wire jacket	
025	Silvery metal wire	
026	Blue soft plastic wire jacket	
027	Black plastic heating shrinkable tube	
028	Beige body with colored printing	
029	Silvery metal pin	
030	White plastic tape	
031	Black plastic part	
032	Grey core	
033	Silvery metal spring	
034	Coppery metal wire	
035	Golden metal sheet	

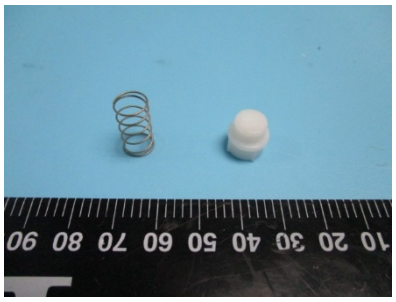
Sample Number	Tested Material Description	Photo
036	Silvery metal solder	
037	Blue body	
038	Golden metal screw	
039	Silvery metal part	
040	Grey metal washer	
041	Silvery metal sheet	
042	Golden metal terminal	
043	Silvery metal screw	

Sample Number	Tested Material Description	Photo
044	Grey core	
045	Coppery metal wire	
046	Black body with red printing	
047	Silvery label with black printing	
048	White plastic sheet	
049	Yellow adhesive plastic tape	
050	Coppery metal wire	
051	Silvery metal sheet	
052	Silvery metal screw	
053	Beige plastic shell	
054	White plastic gear	

Sample Number	Tested Material Description	Photo
055	Grey metal gear	
056	Silvery metal axle	
057	Silvery metal washer	
058	Silvery metal washer	
059	Silvery metal axle	
060	Red paper washer	
061	Silvery metal washer	
062	Copper-colored metal washer	

Sample Number	Tested Material Description	Photo
063	White fabric washer	
064	Brown plastic washer	
065	Coppery metal sheet	
066	Black plastic part	
067	Red plastic sheet	
068	Translucent plastic sheet	
069	Silvery metal sheet	
070	Coppery metal wire	
071	White plastic part	
072	Black soft plastic wire cable	

Sample Number	Tested Material Description	Photo
073	Blue soft plastic wire jacket	
074	Coppery metal wire	
075	Brown soft plastic wire jacket	
076	Black soft plastic plug	
077	Black plastic inner	
078	Black plastic holder	
079	Silvery metal pin	
080	Transparent plastic cap	
081	Transparent glass bowl	
082	Black soft plastic washer	
083	White plastic part inner	
084	Silvery metal knife	
085	Silvery metal axle	
086	Black plastic washer	
087	Silvery metal washer	
088	Silvery metal screw	
089	Transparent soft plastic washer	

Sample Number	Tested Material Description	Photo
090	Silvery metal spring	
091	White plastic part	

2. TEST RESULTS

2.1. SCREENING TEST OF BROMINE

Test method: In-house method, analyzed by Energy Dispersive X-ray Fluorescence Spectrometers (XRF).

Sample No.	Result [mg/kg]
	Total Bromine
001	BL
002	BL
003	BL
004	NA
005	NA
006	NA
007	BL
008	NA
009	BL
010	NA
011	OL[(a)]
012	NA
013	NA
014	NA
015	NA
016	NA
017	NA
018	NA
019	OL[(a)]
020	OL[(a)]
021	NA
022	OL[(a)]
023	NA
024	BL
025	NA

Sample No.	Result [mg/kg]
	Total Bromine
026	BL
027	BL
028	BL
029	NA
030	BL
031	BL
032	NA
033	NA
034	NA
035	NA
036	NA
037	BL
038	NA
039	NA
040	NA
041	NA
042	NA
043	NA
044	NA
045	NA
046	BL
047	BL
048	BL
049	OL[(a)]
050	NA
051	NA
052	NA
053	OL[(a)]

Sample No.	Result [mg/kg]
	Total Bromine
054	BL
055	NA
056	NA
057	NA
058	NA
059	NA
060	BL
061	NA
062	NA
063	BL
064	BL
065	NA
066	BL
067	BL
068	BL
069	NA
070	NA
071	OL[(a)]
072	BL
073	BL
074	NA
075	BL
076	BL
077	OL[(a)]
078	OL[(a)]
079	NA
080	BL
081	BL

Sample No.	Result [mg/kg]
	Total Bromine
082	BL
083	OL[(a)]
084	NA
085	NA
086	BL
087	NA
088	NA
089	BL
090	NA
091	BL

Note:

- "BL" denotes below limit
- "OL" denotes over limit
- "NA" denotes not applicable
- "(a)" denotes further confirmation test was conducted, results are listed in 2.2
- XRF screening limits in mg/kg for regulated elements in various matrices

ELEMENT	POLYMER		
	BL	INCONCLUSIVE	OL
Br	X<(300-3σ)	X>(300-3σ)	NA

ELEMENT	COMPLEX MATERIAL		
	BL	INCONCLUSIVE	OL
Br	X<(250-3σ)	X>(250-3σ)	NA

2.2. HEXABROMOCYCLODODECANE CONTENT TEST

Test method: In-house method, extracted by organic solvent and analyzed by Gas Chromatography and Mass Spectrometry (GC-MS). [Reporting limit: 5 mg/kg].

Test Item	Result [mg/kg]		Maximum Permissible Limit [mg/kg]
	Sample 011+078	Sample 019+020	
Hexabromocyclododecane (HBCDD)	< 5.0	< 5.0	100

Test Item	Result [mg/kg]		Maximum Permissible Limit [mg/kg]
	Sample 022+053	Sample 049	
Hexabromocyclododecane (HBCDD)	< 5.0	< 5.0	100

Test Item	Result [mg/kg]	Maximum Permissible Limit [mg/kg]
	Sample 071+077+083	
Hexabromocyclododecane (HBCDD)	< 5.0	100

Note:

- "mg/kg" denotes miligram per kilogram
- "<" denotes less than
- The specification was quoted from POPs (Persistent Organic Pollutants) regulation EU 2019/1021.

3. REMARK

The chemical testing was performed in TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch Chemical lab and the test results were reviewed at TÜV SÜD Certification and Testing (China) Co., Ltd. Guangzhou Branch.

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APPENDIX:

Photos of submitted products