

Testing & Analysis Capability

PRODUCT COMPLIANCE

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Category 1: Category 1: Large household appliances

Refrigerators, washers, stoves, air conditioners etc..

Category 2: Small household appliances

Vacuum cleaners, hair dryers, coffee makers, irons

Category 3: Computing & communications equipment

Computers, printers, copiers, phones, satellite TV, cell tower equipment, antennas

Category 4: Consumer Electronics

TVs, DVD players, stereos, video cameras

Category 5: Lighting

lamps, lighting fixtures, light bulbs (some fluorescents are exempt)

Category 6: Power tools

drills, saws, nail guns, sprayers, lathes, trimmers, blowers

Category 7: Toys, leisure and sports equipment

videogames, treadmills, talking dolls, Fitbits

Category 8: Medical devices and equipment

All includes in-vitro diagnostic medical devices (IVDs)

Category 9: Monitoring and control equipment

thermostats, smoke detectors, fire alarms, including industrial applications

Category 10: Automatic dispensers

Vending machines, ATM machines

Category 11: Catch-all

all other electronic and electrical equipment not covered under the other categories. Included are 2-wheeled electric vehicles; electronic nicotine delivery systems (ENDS) such as e-cigarettes, cannabis vaporizers and vape pens; electrical cables that are less than 250V working voltage.

Testing & Analysis capability.

Sr. No.	ROHS 4 Elements	Test Method	Test Method (XRF)	Sample Qty
1.	lead (Pb),	IEC_62321-5-2013	IEC_62321-3-2013	10gm
2.	Cadmium (Cd),	IEC_62321-5-2013	IEC_62321-3-2013	
3.	Mercury (Hg),	IEC_62321-4-2017	IEC_62321-3-2017	
4.	Hexavalent Chromium (CrVI)	IEC_62321-7-2-2017	IEC_62321-3-2017	

Sr. No.	ROHS 6 Elements	Test Method	Test Method (XRF)	Sample Qty
1.	lead (Pb),	IEC_62321-5-2013	IEC_62321-3-2013	10gm
2.	Cadmium (Cd),	IEC_62321-5-2013	IEC_62321-3-2013	
3.	Mercury (Hg),	IEC_62321-4-2017	IEC_62321-3-2017	
4.	Hexavalent Chromium (CrVI)	IEC_62321-7-2-2017	IEC_62321-3-2017	
5.	Polybrominated Biphenyls (PBB)	IEC_62321-6-2015	IEC_62321-3-2017	
6.	Polybrominated Diphenyl Ethers (PBDE)	IEC_62321-6-2015	IEC_62321-3-2017	

Sr. No.	ROHS 10 Elements	Test Method	Test Method (XRF)	Sample Qty
1.	lead (Pb),	IEC_62321-5-2013	IEC_62321-3-2013	10gm
2.	Cadmium (Cd),	IEC_62321-5-2013	IEC_62321-3-2013	
3.	Mercury (Hg),	IEC_62321-4-2017	IEC_62321-3-2017	
4.	Hexavalent Chromium (CrVI)	IEC_62321-7-2-2017	IEC_62321-3-2017	
5.	Polybrominated Biphenyls (PBB)	IEC_62321-6-2015	IEC_62321-3-2017	
6.	Polybrominated Diphenyl Ethers (PBDE)	IEC_62321-6-2015	IEC_62321-3-2017	
7.	Bis(2-Ethylhexyl) phthalate - DEHP	IEC_62321-8-2015	IEC_62321-8-2015	
8.	Benzyl butyl phthalate (BBP)	IEC_62321-8-2015	IEC_62321-8-2015	
9.	Dibutyl phthalate (DBP)	IEC_62321-8-2015	IEC_62321-8-2015	
10.	Diisobutyl phthalate (DIBP)	IEC_62321-8-2015	IEC_62321-8-2015	