



SHENZHEN ABSORB KING DESICCANT CO., LTD

Technical Report: (8825)169-0136

Jun 19, 2025

Date Received: Jun 6, 2025

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SHENZHEN ABSORB KING DESICCANT CO., LTD
102 202 302, BUILDING 38, ZHONGNAN HIGH-TECH XINHUI
RONGZHI CHUANGMEI INDUSTRIAL VALLEY,
NO. 44, YEGUANG ROAD, SIQIAN TOWN, XINHUI DISTRICT,
JIANGMEN CITY

Sample Description:	WHITE CALCIUM CHLORIDE DESICCANT; WHITE SILICA GEL DESICCANT; WHITE MAGNESIUM CHLORIDE DESICCANT GRAY MONTMORILLONITE DESICCANT GRAY CLAY DESICCANT ORANGE SILICA GEL DESICCANT WHITE CALCIUM OXIDE DESICCANT		
Vendor:	N/A	Sample Size:	1
Manufacturer:	N/A	Style No(s):	NOT PROVIDE
Labeled Age Grade:	NOT RECORD	SKN/SKU No.:	NOT PROVIDE
Appropriate Age Grade:	NOT REQUESTED	PO No.:	NOT PROVIDE
Client Specified Age Grade:	NOT SPECIFIED	Ref #:	NOT PROVIDE
Tested Age Grade:	N/A	Country of Origin:	NOT PROVIDE
UPC Code:	N/A	Assortment No.:	NOT PROVIDE
		Country of Destination:	NOT PROVIDE
Test Starting Date:	JUN 6, 2025	Test Finished Date:	JUN 12, 2025



BUREAU VERITAS SHENZHEN CO.,LTD
DONGGUAN BRANCH

Lisa Bai

Lisa Bai
Analytical lab technical ass. manager

RT/Daisy Cai

REMARK

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

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EXECUTIVE SUMMARY:

Test Requested	Conclusion
Heavy metals content requirements of the 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 Amendment Directive 2015/863/EU.	PASS
Flame retardants content requirements of the 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 Amendment Directive 2015/863/EU.	PASS
BBP/DBP/DEHP/DIBP content requirements of the 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 Amendment Directive 2015/863/EU.	PASS

Tested Component(s) Description List:

Test Item(s)	Item / Component Description(s)	Location(s)	Style(s)
I001	White powder/transparent plastic/beige powder/light grey polymer/grey polymer/translucent orange plastic/white polymer	Drying agent	-



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RESULTS:

Heavy Metals Content – 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 Amendment Directive 2015/863/EU

Test Method : See Appendix.

See Analytes (Parameter) and their corresponding Maximum Allowable Limit (Req.) in Result Table	Type I	Metallic material
	Type II	Glass or ceramic material
	Type III	Other non-metallic material except Type II

-	Unit	Req.	Result
Test Item(s)	-	-	I001
Type	-	III	III
Parameter	-	-	-
Lead (Pb)	mg/kg	1000	ND
Cadmium (Cd)	mg/kg	100	ND
Mercury (Hg)	mg/kg	1000	ND
Chromium VI (Cr VI)	mg/kg	1000	ND
Conclusion	-	-	PASS

Note / key:

ND = Not detected
NR = Not requested
NA = Not Applicable
Detection Limit (mg/kg) :
For Type I: Each (Pb, Cd & Hg) 10
For Type II: Each (Pb, Cd, Hg & Cr VI) 10
For Type III: Polymers & Electronics - Each (Pb, Cd, Hg & Cr VI): 10; Each (PBBs & PBDEs): 50
Others - Each (Pb, Cd & Hg): 10; Cr VI: 3.0; Each (PBBs & PBDEs): 50

">" = Greater than
mg/kg = milligram(s) per kilogram = ppm = part(s) per million
10000 mg/kg = 1 %
% = percent

Req. = Requirement

Remark:

- The list of analytes is summarized in table of Appendix.
- According to European 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.



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APPENDIX:

List of Analytes and their Corresponding Test Methods [European Council Directive 2011/65/EU] :		
No.	Name of Analytes	Test Method(s)
1	Lead (Pb)	With reference to International Standard IEC 62321-5: 2013.
2	Cadmium (Cd)	
3	Mercury (Hg)	With reference to International Standard IEC 62321-4:2013+A1:2017.
4	Chromium VI (Cr VI)	Metal : With reference to International Standard IEC 62321-7-1: 2015. Polymers and Electronics : With reference to European Standard EN 62321-7-2: 2017. Leather : International Standard ISO 17075-1:2017. Other than Metal, Leather, Polymers and Electronics: With reference to International Standard ISO 17075-1:2017.



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RESULTS:

Flame Retardants Content – 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 Amendment Directive 2015/863/EU

Test Method : See Appendix.

-	Unit	Req.	Result
Test Item(s)	-	-	I001
Parameter	-	-	-
PBBs	mg/kg	1000	ND
MonoBB	mg/kg	-	ND
DiBB	mg/kg	-	ND
TriBB	mg/kg	-	ND
TetraBB	mg/kg	-	ND
PentaBB	mg/kg	-	ND
HexaBB	mg/kg	-	ND
HeptaBB	mg/kg	-	ND
OctaBB	mg/kg	-	ND
NonaBB	mg/kg	-	ND
DecaBB	mg/kg	-	ND
PBDEs	mg/kg	1000	ND
MonoBDE	mg/kg	-	ND
DiBDE	mg/kg	-	ND
TriBDE	mg/kg	-	ND
TetraBDE	mg/kg	-	ND
PentaBDE	mg/kg	-	ND
HexaBDE	mg/kg	-	ND
HeptaBDE	mg/kg	-	ND
OctaBDE	mg/kg	-	ND
NonaBDE	mg/kg	-	ND
DecaBDE	mg/kg	-	ND
Conclusion	-	-	PASS



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RESULTS:

Note / key:

ND = Not detected ">" = Greater than Req. = Requirement
 NR = Not requested mg/kg = milligram(s) per kilogram = ppm = part(s) per million
 NA = Not Applicable 10000 mg/kg = 1 % % = percent
 Detection Limit (mg/kg) : Each (PBBs & PBDEs): 50

Remark:

- The list of analytes is summarized in table of Appendix.
- According to European 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.

APPENDIX:

List of Analytes and their Corresponding Test Methods [European Council Directive 2011/65/EU] :		
No.	Name of Analytes	Test Method(s)
1	Polybromobiphenyls (PBBs) - Bromobiphenyl (MonoBB) - Dibromobiphenyl (DiBB) - Tribromobiphenyl (TriBB) - Tetrabromobiphenyl (TetraBB) - Pentabromobiphenyl (PentaBB) - Hexabromobiphenyl (HexaBB) - Heptabromobiphenyl (HeptaBB) - Octabromobiphenyl (OctaBB) - Nonabromobiphenyl (NonaBB) - Decabromobiphenyl (DecaBB)	With reference to International Standard IEC 62321-6: 2015.
2	Polybromodiphenyl ethers (PBDEs) - 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)	
[a]	The principle of this method was evaluated and supported by two studies organized by IEC TC 111 WG3. These studies were focused on detecting the presence of Cr VI in the corrosion protection coatings on metallic samples.	



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RESULTS:

BBP/DBP/DEHP/DIBP Content – 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 Amendment Directive 2015/863/EU

Test Method : With reference to International Standard IEC 62321-8:2017

Test Parameter:	BBP	DBP	DEHP	DiBP	-
Limit (%):	0.1	0.1	0.1	0.1	-
Test Item(s)	Result (%)				Conclusion
I001	ND	ND	ND	ND	PASS

Note / key:

BBP = Butyl benzyl phthalate (CAS No: 85-68-7)

DBP = Dibutyl phthalate (CAS No: 84-74-2)

DEHP = Di(2-ethylhexyl) phthalate (CAS No: 117-81-7)

DiBP = Diisobutyl phthalate (CAS No: 84-69-5)

ND = Not detected

% = percent

10000 mg/kg = 1 %

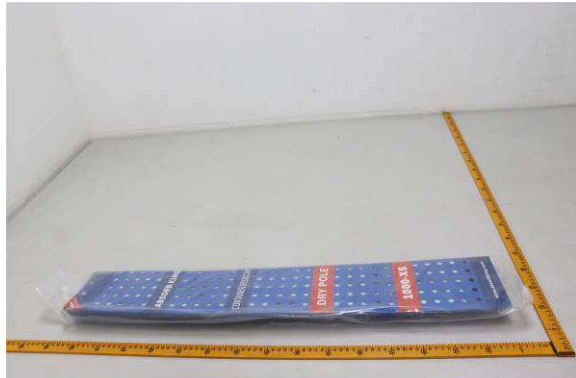
mg/kg = milligram(s) per kilogram

Detection Limit (%) : Each 0.005

Remark:

- The amendment will be effective on 22 July 2019. For medical devices and control instruments, effective date will be 22 July 2021.
All test results of this report are from (8825)157-0063 and should therefore be read in conjunction with the report (8825)157-0063

RESULTS:



RESULTS:



RESULTS:



RESULTS:



END OF REPORT