



IQC INTERNATIONAL QUALITY CERTIFICATION BODY
TEST REPORT

REPORT NUMBER : 201709TRoHS-001

APPLICANT NAME: SENA KABLO San. Ve Tic. Ltd. Şti.

ADDRESS: Bozburun Mah. Salihağa yolu No: 12- A
DENİZLİ-TÜRKİYE

SAMPLE DESCRIPTION : 25 pcs test samples of cables

DATE IN : 15 September, 2017

DATE OUT : 20 September, 2017

MANUFACTURER'S NAME : SENA KABLO San. Ve Tic. Ltd. Şti.

PRODUCT'S CODE : See Attachment

REQUEST : RoHS Test was performed on the item.

RESULTS : See attachment

CONCLUSION :

Testing Item	Conclusion
Samples	PASS

Approval/Signature



Reports without signature, stamp or hologram label are not valid. This report is valid for one year.

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PRODUCT NAME: Cable for power, control and communication

PRODUCT'S CODE IDENTIFICATION
H03VV-F
H05VV-F
A05VV-F
H05V2V2-F
FLEXIBLE
H05V-U
H05V-K
H07V-U
H07V-K
H07V-R
N2XY
N2XRY
YVV U/R
FLAT TWIN
TWIN EARTH
H03VH-H
H07VVH6-F
N2XH
NHXMH O/J
NYM U/R
NYIFY U/R
H05VVH2-F
H03VVH2-F
FIRE ALARM
FG7OR





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PARTS	DESCRIPTION	CONCLUSION
SK-0001	H03VV-F	PASS
SK-0002	H05VV-F	PASS
SK-0003	A05VV-F	PASS
SK-0004	H05V2V2-F	PASS
SK-0005	FLEXIBLE	PASS
SK-0006	H05V-U	PASS
SK-0007	H05V-K	PASS
SK-0008	H07V-U	PASS
SK-0009	H07V-K	PASS
SK-0010	H07V-R	PASS
SK-0011	N2XY	PASS
SK-0012	N2XRY	PASS
SK-0013	YVV U/R	PASS
SK-0014	FLAT TWIN	PASS
SK-0015	TWIN EARTH	PASS
SK-0016	H03VH-H	PASS
SK-0017	H07VVH6-F	PASS
SK-0018	N2XH	PASS
SK-0019	NHXMH O/J	PASS
SK-0020	NYM U/R	PASS
SK-0021	NYIFY U/R	PASS
SK-0022	H05VVH2-F	PASS
SK-0023	H03VVH2-F	PASS
SK-0024	FIRE ALARM	PASS
SK-0025	FG7OR	PASS



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(A) Test Method Summary

Testing Item	Result				RoHS Limit (ppm)
	Part 1	Part 2	Part 3	Part 4	
Cadmium (Cd) Content	ND	ND	ND	ND	0.01 % (100 ppm)
Chromium VI (Cr+6) Content (ppm) (for non - metal)	ND	ND	ND	ND	0.1 % (1000 ppm)
Chromium VI (Cr+6) Content ($\mu\text{g}/\text{cm}^2$) (for metal)	NA	NA	NA	NA	
Chromium VI (Cr+6) Result (By spot test on metal)	NA	NA	NA	NA	NEGATIVE
Lead (Pb) Content	ND	ND	ND	ND	0.1 % (1000 ppm)
Mercury (Hg) Content	ND	ND	ND	ND	0.1 % (1000 ppm)
Flame Retardants					0.1 % (1000 ppm)
Polybrominated Biphenyls (PBB)	ND	ND	ND	ND	
Monobromobiphenyl (MonoBB)	ND	ND	ND	ND	
Dibromobiphenyl (DiBB)	ND	ND	ND	ND	
Tribromobiphenyl (TriBB)	ND	ND	ND	ND	
Tetrabromobiphenyl (TetraBB)	ND	ND	ND	ND	
Pentabromobiphenyl (PentaBB)	ND	ND	ND	ND	
Hexabromobiphenyl (HexaBB)	ND	ND	ND	ND	
Heptabromobiphenyl (HeptaBB)	ND	ND	ND	ND	
Octabromobiphenyl (OctaBB)	ND	ND	ND	ND	
Nonabromobiphenyl (NonaBB)	ND	ND	ND	ND	
Decabromobiphenyl (DecaBB)	ND	ND	ND	ND	
Polybrominated Diphenyl Ethers (PBDE)	ND	ND	ND	ND	
Monobromodiphenyl Ether (MonoBDE)	ND	ND	ND	ND	
Dibromodiphenyl Ether (DiBDE)	ND	ND	ND	ND	
Tribromodiphenyl Ether (TriBDE)	ND	ND	ND	ND	
Tetrabromodiphenyl Ether (TetraBDE)	ND	ND	ND	ND	
Pentabromodiphenyl Ether (PentaBDE)	ND	ND	ND	ND	
Hexabromodiphenyl Ether (HexaBDE)	ND	ND	ND	ND	
Heptabromodiphenyl Ether (HeptaBDE)	ND	ND	ND	ND	
Octabromodiphenyl Ether (OctaBDE)	ND	ND	ND	ND	
Nonabromodiphenyl Ether (NonaBDE)	ND	ND	ND	ND	
Decabromodiphenyl Ether (DecaBDE)	ND	ND	ND	ND	

Remarks : ppm=Parts per million based on dry weight of sample
 $\mu\text{g}/\text{cm}^2$ =Microgram per square centimetre
mg/kg with 50 cm^2 =Milligram per kilogram with 50 square centimetre
<=Less than
ND =Not detected NA =Not applicable NR =Not requested

(B) Test Method :

Testing Item	Testing Method	Reporting Limit
Cadmium (Cd)Content	With reference to IEC 62321:2008,by acid digestion and determined by ICP-OES	2 ppm
Lead (Pb)Content	With reference to IEC 62321:2008,by acid digestion and determined by ICP-OES	2 ppm
Mercury (Hg)Content	With reference to IEC 62321:2008,by acid digestion and determined by ICP-OES	2 ppm
Chromium VI (Cr6+)(For non-metal)	With reference to IEC 62321:2008,by alkaline digestion and determined by UV-VIS spectrophotometer	1 ppm
Chromium VI (Cr6+)(For metal)	With reference to IEC 62321:2008,by SPOT TEST	1 ppm (IN TESTING SOLUTION)
Chromium VI (Cr6+)(For metal)	With reference to IEC 62321:2008 ,by boiling water extraction and determined by UV-VIS spectrophotometer	0.02 mg/kg with 50 cm^2 (IN TESTING SOLUTION)
PBBs/PBDEs	With reference to IEC 62321:2008,by solvent extraction and determined by GC/MS and HPLC	5 ppm

NOTE : The above limits were quoted from 2011/65/EU(2002/95/EC) and amendment 2005/618/EC for homogeneous material.



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(A) Test Method Summary

Testing Item	Result				RoHS Limit (ppm)
	Part 5	Part 6	Part 7	Part 8	
Cadmium (Cd) Content	ND	ND	ND	ND	0.01 % (100 ppm)
Chromium VI (Cr+6) Content (ppm) (for non - metal)	ND	ND	ND	ND	0.1 % (1000 ppm)
Chromium VI (Cr+6) Content ($\mu\text{g}/\text{cm}^2$) (for metal)	NA	NA	NA	NA	
Chromium VI (Cr+6) Result (By spot test on metal)	NA	NA	NA	NA	NEGATIVE
Lead (Pb) Content	ND	ND	ND	ND	0.1 % (1000 ppm)
Mercury (Hg) Content	ND	ND	ND	ND	0.1 % (1000 ppm)
Flame Retardants					0.1 % (1000 ppm)
Polybrominated Biphenyls (PBB)	ND	ND	ND	ND	
Monobromobiphenyl (MonoBB)	ND	ND	ND	ND	
Dibromobiphenyl (DiBB)	ND	ND	ND	ND	
Tribromobiphenyl (TriBB)	ND	ND	ND	ND	
Tetrabromobiphenyl (TetraBB)	ND	ND	ND	ND	
Pentabromobiphenyl (PentaBB)	ND	ND	ND	ND	
Hexabromobiphenyl (HexaBB)	ND	ND	ND	ND	
Heptabromobiphenyl (HeptaBB)	ND	ND	ND	ND	
Octabromobiphenyl (OctaBB)	ND	ND	ND	ND	
Nonabromobiphenyl (NonaBB)	ND	ND	ND	ND	
Decabromobiphenyl (DecaBB)	ND	ND	ND	ND	
Polybrominated Diphenyl Ethers (PBDE)	ND	ND	ND	ND	
Monobromodiphenyl Ether (MonoBDE)	ND	ND	ND	ND	
Dibromodiphenyl Ether (DiBDE)	ND	ND	ND	ND	
Tribromodiphenyl Ether (TriBDE)	ND	ND	ND	ND	
Tetrabromodiphenyl Ether (TetraBDE)	ND	ND	ND	ND	
Pentabromodiphenyl Ether (PentaBDE)	ND	ND	ND	ND	
Hexabromodiphenyl Ether (HexaBDE)	ND	ND	ND	ND	
Heptabromodiphenyl Ether (HeptaBDE)	ND	ND	ND	ND	
Octabromodiphenyl Ether (OctaBDE)	ND	ND	ND	ND	
Nonabromodiphenyl Ether (NonaBDE)	ND	ND	ND	ND	
Decabromodiphenyl Ether (DecaBDE)	ND	ND	ND	ND	

Remarks : ppm=Parts per million based on dry weight of sample
 $\mu\text{g}/\text{cm}^2$ =Microgram per square centimetre
mg/kg with 50 cm^2 =Milligram per kilogram with 50 square centimetre
≤Less than
ND =Not detected NA =Not applicable NR =Not requested

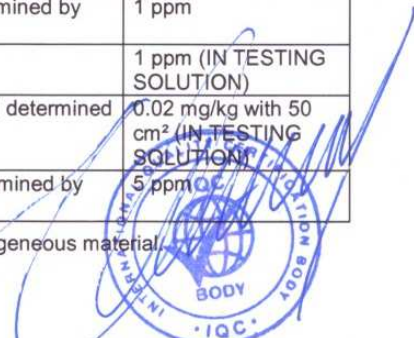
(B) Test Method :

Testing Item	Testing Method	Reporting Limit
Cadmium (Cd)Content	With reference to IEC 62321:2008,by acid digestion and determined by ICP-OES	2 ppm
Lead (Pb)Content	With reference to IEC 62321:2008,by acid digestion and determined by ICP-OES	2 ppm
Mercury (Hg)Content	With reference to IEC 62321:2008,by acid digestion and determined by ICP-OES	2 ppm
Chromium VI (Cr+6)(For non-metal)	With reference to IEC 62321:2008,by alkaline digestion and determined by UV-VIS spectrophotometer	1 ppm
Chromium VI (Cr+6)(For metal)	With reference to IEC 62321:2008,by SPOT TEST	1 ppm (IN TESTING SOLUTION)
Chromium VI (Cr+6)(For metal)	With reference to IEC 62321:2008 ,by boiling water extraction and determined by UV-VIS spectrophotometer	0.02 mg/kg with 50 cm^2 (IN TESTING SOLUTION)
PBBs/PBDEs	With reference to IEC 62321:2008,by solvent extraction and determined by GC/MS and HPLC	5 ppm

NOTE : The above limits were quoted from 2011/65/EU(2002/95/EC) and amendment 2005/618/EC for homogeneous material.



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(A) Test Method Summary

Testing Item	Result				RoHS Limit (ppm)
	Part 9	Part 10	Part 11	Part 12	
Cadmium (Cd) Content	ND	ND	ND	ND	0.01 % (100 ppm)
Chromium VI (Cr+6) Content (ppm) (for non - metal)	ND	ND	ND	ND	0.1 % (1000 ppm)
Chromium VI (Cr+6) Content ($\mu\text{g}/\text{cm}^2$) (for metal)	NA	NA	NA	NA	
Chromium VI (Cr+6) Result (By spot test on metal)	NA	NA	NA	NA	NEGATIVE
Lead (Pb) Content	ND	ND	ND	ND	0.1 % (1000 ppm)
Mercury (Hg) Content	ND	ND	ND	ND	0.1 % (1000 ppm)
Flame Retardants					0.1 % (1000 ppm)
Polybrominated Biphenyls (PBB)	ND	ND	ND	ND	
Monobromobiphenyl (MonoBB)	ND	ND	ND	ND	
Dibromobiphenyl (DiBB)	ND	ND	ND	ND	
Tribromobiphenyl (TriBB)	ND	ND	ND	ND	
Tetrabromobiphenyl (TetraBB)	ND	ND	ND	ND	
Pentabromobiphenyl (PentaBB)	ND	ND	ND	ND	
Hexabromobiphenyl (HexaBB)	ND	ND	ND	ND	
Heptabromobiphenyl (HeptaBB)	ND	ND	ND	ND	
Octabromobiphenyl (OctaBB)	ND	ND	ND	ND	
Nonabromobiphenyl (NonaBB)	ND	ND	ND	ND	
Decabromobiphenyl (DecaBB)	ND	ND	ND	ND	
Polybrominated Diphenyl Ethers (PBDE)	ND	ND	ND	ND	
Monobromodiphenyl Ether (MonoBDE)	ND	ND	ND	ND	
Dibromodiphenyl Ether (DiBDE)	ND	ND	ND	ND	
Tribromodiphenyl Ether (TriBDE)	ND	ND	ND	ND	
Tetrabromodiphenyl Ether (TetraBDE)	ND	ND	ND	ND	
Pentabromodiphenyl Ether (PentaBDE)	ND	ND	ND	ND	
Hexabromodiphenyl Ether (HexaBDE)	ND	ND	ND	ND	
Heptabromodiphenyl Ether (HeptaBDE)	ND	ND	ND	ND	
Octabromodiphenyl Ether (OctaBDE)	ND	ND	ND	ND	
Nonabromodiphenyl Ether (NonaBDE)	ND	ND	ND	ND	
Decabromodiphenyl Ether (DecaBDE)	ND	ND	ND	ND	

Remarks : ppm=Parts per million based on dry weight of sample
 $\mu\text{g}/\text{cm}^2$ =Microgram per square centimetre
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 ND =Not detected NA =Not applicable NR =Not requested

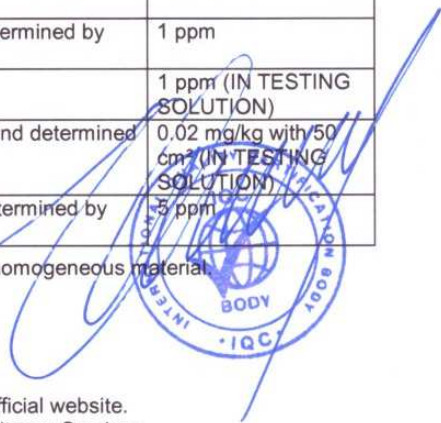
(B) Test Method :

Testing Item	Testing Method	Reporting Limit
Cadmium (Cd)Content	With reference to IEC 62321:2008,by acid digestion and determined by ICP-OES	2 ppm
Lead (Pb)Content	With reference to IEC 62321:2008,by acid digestion and determined by ICP-OES	2 ppm
Mercury (Hg)Content	With reference to IEC 62321:2008,by acid digestion and determined by ICP-OES	2 ppm
Chromium VI (Cr6+)(For non-metal)	With reference to IEC 62321:2008,by alkaline digestion and determined by UV-VIS spectrophotometer	1 ppm
Chromium VI (Cr6+)(For metal)	With reference to IEC 62321:2008,by SPOT TEST	1 ppm (IN TESTING SOLUTION)
Chromium VI (Cr6+)(For metal)	With reference to IEC 62321:2008 ,by boiling water extraction and determined by UV-VIS spectrophotometer	0.02 mg/kg with 50 cm^2 (IN TESTING SOLUTION)
PBBs/PBDEs	With reference to IEC 62321:2008,by solvent extraction and determined by GC/MS and HPLC	5 ppm

NOTE : The above limits were quoted from 2011/65/EU(2002/95/EC) and amendment 2005/618/EC for homogeneous material



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(A) Test Method Summary

Testing Item	Result				RoHS Limit (ppm)
	Part 13	Part 14	Part 15	Part 16	
Cadmium (Cd) Content	ND	ND	ND	ND	0.01 % (100 ppm)
Chromium VI (Cr+6) Content (ppm) (for non - metal)	ND	ND	ND	ND	0.1 % (1000 ppm)
Chromium VI (Cr+6) Content (µg/cm ²) (for metal)	NA	NA	NA	NA	
Chromium VI (Cr+6) Result (By spot test on metal)	NA	NA	NA	NA	NEGATIVE
Lead (Pb) Content	ND	ND	ND	ND	0.1 % (1000 ppm)
Mercury (Hg) Content	ND	ND	ND	ND	0.1 % (1000 ppm)
Flame Retardants					0.1 % (1000 ppm)
Polybrominated Biphenyls (PBB)	ND	ND	ND	ND	
Monobromobiphenyl (MonoBB)	ND	ND	ND	ND	
Dibromobiphenyl (DiBB)	ND	ND	ND	ND	
Tribromobiphenyl (TriBB)	ND	ND	ND	ND	
Tetrabromobiphenyl (TetraBB)	ND	ND	ND	ND	
Pentabromobiphenyl (PentaBB)	ND	ND	ND	ND	
Hexabromobiphenyl (HexaBB)	ND	ND	ND	ND	
Heptabromobiphenyl (HeptaBB)	ND	ND	ND	ND	
Octabromobiphenyl (OctaBB)	ND	ND	ND	ND	
Nonabromobiphenyl (NonaBB)	ND	ND	ND	ND	
Decabromobiphenyl (DecaBB)	ND	ND	ND	ND	
Polybrominated Diphenyl Ethers (PBDE)	ND	ND	ND	ND	
Monobromodiphenyl Ether (MonoBDE)	ND	ND	ND	ND	
Dibromodiphenyl Ether (DiBDE)	ND	ND	ND	ND	
Tribromodiphenyl Ether (TriBDE)	ND	ND	ND	ND	
Tetrabromodiphenyl Ether (TetraBDE)	ND	ND	ND	ND	
Pentabromodiphenyl Ether (PentaBDE)	ND	ND	ND	ND	
Hexabromodiphenyl Ether (HexaBDE)	ND	ND	ND	ND	
Heptabromodiphenyl Ether (HeptaBDE)	ND	ND	ND	ND	
Octabromodiphenyl Ether (OctaBDE)	ND	ND	ND	ND	
Nonabromodiphenyl Ether (NonaBDE)	ND	ND	ND	ND	
Decabromodiphenyl Ether (DecaBDE)	ND	ND	ND	ND	

Remarks : ppm=Parts per million based on dry weight of sample
 µg/cm²=Microgram per square centimetre
 mg/kg with 50 cm²=Milligram per kilogram with 50 square centimetre
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 ND =Not detected NA =Not applicable NR =Not requested

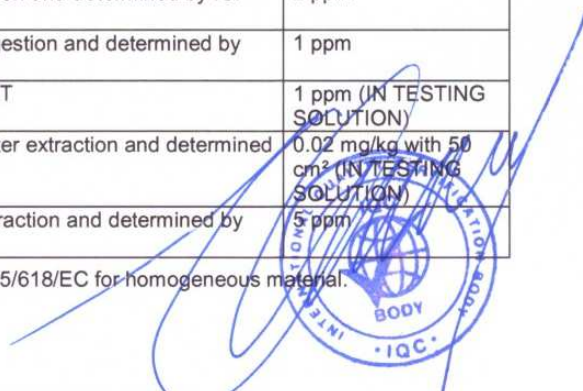
(B) Test Method :

Testing Item	Testing Method	Reporting Limit
Cadmium (Cd)Content	With reference to IEC 62321:2008,by acid digestion and determined by ICP-OES	2 ppm
Lead (Pb)Content	With reference to IEC 62321:2008,by acid digestion and determined by ICP-OES	2 ppm
Mercury (Hg)Content	With reference to IEC 62321:2008,by acid digestion and determined by ICP-OES	2 ppm
Chromium VI (Cr6+)(For non-metal)	With reference to IEC 62321:2008,by alkaline digestion and determined by UV-VIS spectrophotometer	1 ppm
Chromium VI (Cr6+)(For metal)	With reference to IEC 62321:2008,by SPOT TEST	1 ppm (IN TESTING SOLUTION)
Chromium VI (Cr6+)(For metal)	With reference to IEC 62321:2008 ,by boiling water extraction and determined by UV-VIS spectrophotometer	0.02 mg/kg with 50 cm ² (IN TESTING SOLUTION)
PBBs/PBDEs	With reference to IEC 62321:2008,by solvent extraction and determined by GC/MS and HPLC	5 ppm

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(A) Test Method Summary

Testing Item	Result				RoHS Limit (ppm)
	Part 17	Part 18	Part 19	Part 20	
Cadmium (Cd) Content	ND	ND	ND	ND	0.01 % (100 ppm)
Chromium VI (Cr+6) Content (ppm) (for non - metal)	ND	ND	ND	ND	0.1 % (1000 ppm)
Chromium VI (Cr+6) Content (µg/cm ²) (for metal)	NA	NA	NA	NA	
Chromium VI (Cr+6) Result (By spot test on metal)	NA	NA	NA	NA	NEGATIVE
Lead (Pb) Content	ND	ND	ND	ND	0.1 % (1000 ppm)
Mercury (Hg) Content	ND	ND	ND	ND	0.1 % (1000 ppm)
Flame Retardants					0.1 % (1000 ppm)
Polybrominated Biphenyls (PBB)	ND	ND	ND	ND	
Monobromobiphenyl (MonoBB)	ND	ND	ND	ND	
Dibromobiphenyl (DiBB)	ND	ND	ND	ND	
Tribromobiphenyl (TriBB)	ND	ND	ND	ND	
Tetrabromobiphenyl (TetraBB)	ND	ND	ND	ND	
Pentabromobiphenyl (PentaBB)	ND	ND	ND	ND	
Hexabromobiphenyl (HexaBB)	ND	ND	ND	ND	
Heptabromobiphenyl (HeptaBB)	ND	ND	ND	ND	
Octabromobiphenyl (OctaBB)	ND	ND	ND	ND	
Nonabromobiphenyl (NonaBB)	ND	ND	ND	ND	
Decabromobiphenyl (DecaBB)	ND	ND	ND	ND	
Polybrominated Diphenyl Ethers (PBDE)	ND	ND	ND	ND	
Monobromodiphenyl Ether (MonoBDE)	ND	ND	ND	ND	
Dibromodiphenyl Ether (DiBDE)	ND	ND	ND	ND	
Tribromodiphenyl Ether (TriBDE)	ND	ND	ND	ND	
Tetrabromodiphenyl Ether (TetraBDE)	ND	ND	ND	ND	
Pentabromodiphenyl Ether (PentaBDE)	ND	ND	ND	ND	
Hexabromodiphenyl Ether (HexaBDE)	ND	ND	ND	ND	
Heptabromodiphenyl Ether (HeptaBDE)	ND	ND	ND	ND	
Octabromodiphenyl Ether (OctaBDE)	ND	ND	ND	ND	
Nonabromodiphenyl Ether (NonaBDE)	ND	ND	ND	ND	
Decabromodiphenyl Ether (DecaBDE)	ND	ND	ND	ND	

Remarks : ppm=Parts per million based on dry weight of sample
 µg/cm²=Microgram per square centimetre
 mg/kg with 50 cm²=Milligram per kilogram with 50 square centimetre
 <=Less than
 ND =Not detected NA =Not applicable NR =Not requested

(B) Test Method :

Testing Item	Testing Method	Reporting Limit
Cadmium (Cd)Content	With reference to IEC 62321:2008,by acid digestion and determined by ICP-OES	2 ppm
Lead (Pb)Content	With reference to IEC 62321:2008,by acid digestion and determined by ICP-OES	2 ppm
Mercury (Hg)Content	With reference to IEC 62321:2008,by acid digestion and determined by ICP-OES	2 ppm
Chromium VI (Cr6+)(For non-metal)	With reference to IEC 62321:2008,by alkaline digestion and determined by UV-VIS spectrophotometer	1 ppm
Chromium VI (Cr6+)(For metal)	With reference to IEC 62321:2008,by SPOT TEST	1 ppm (IN TESTING SOLUTION)
Chromium VI (Cr6+)(For metal)	With reference to IEC 62321:2008 ,by boiling water extraction and determined by UV-VIS spectrophotometer	0.02 mg/kg with 50 cm ² (IN TESTING SOLUTION)
PBBs/PBDEs	With reference to IEC 62321:2008,by solvent extraction and determined by GC/MS and HPLC	5 ppm

NOTE : The above limits were quoted from 2011/65/EU(2002/95/EC) and amendment 2005/618/EC for homogeneous material.



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(A) Test Method Summary

Testing Item	Result				RoHS Limit (ppm)
	Part 21	Part 22	Part 23	Part 24	
Cadmium (Cd) Content	ND	ND	ND	ND	0.01 % (100 ppm)
Chromium VI (Cr+6) Content (ppm) (for non - metal)	ND	ND	ND	ND	0.1 % (1000 ppm)
Chromium VI (Cr+6) Content (µg/cm ²) (for metal)	NA	NA	NA	NA	
Chromium VI (Cr+6) Result (By spot test on metal)	NA	NA	NA	NA	NEGATIVE
Lead (Pb) Content	ND	ND	ND	ND	0.1 % (1000 ppm)
Mercury (Hg) Content	ND	ND	ND	ND	0.1 % (1000 ppm)
Flame Retardants					0.1 % (1000 ppm)
Polybrominated Biphenyls (PBB)	ND	ND	ND	ND	
Monobromobiphenyl (MonoBB)	ND	ND	ND	ND	
Dibromobiphenyl (DiBB)	ND	ND	ND	ND	
Tribromobiphenyl (TriBB)	ND	ND	ND	ND	
Tetrabromobiphenyl (TetraBB)	ND	ND	ND	ND	
Pentabromobiphenyl (PentaBB)	ND	ND	ND	ND	
Hexabromobiphenyl (HexaBB)	ND	ND	ND	ND	
Heptabromobiphenyl (HeptaBB)	ND	ND	ND	ND	
Octabromobiphenyl (OctaBB)	ND	ND	ND	ND	
Nonabromobiphenyl (NonaBB)	ND	ND	ND	ND	
Decabromobiphenyl (DecaBB)	ND	ND	ND	ND	
Polybrominated Diphenyl Ethers (PBDE)	ND	ND	ND	ND	
Monobromodiphenyl Ether (MonoBDE)	ND	ND	ND	ND	
Dibromodiphenyl Ether (DiBDE)	ND	ND	ND	ND	
Tribromodiphenyl Ether (TriBDE)	ND	ND	ND	ND	
Tetrabromodiphenyl Ether (TetraBDE)	ND	ND	ND	ND	
Pentabromodiphenyl Ether (PentaBDE)	ND	ND	ND	ND	
Hexabromodiphenyl Ether (HexaBDE)	ND	ND	ND	ND	
Heptabromodiphenyl Ether (HeptaBDE)	ND	ND	ND	ND	
Octabromodiphenyl Ether (OctaBDE)	ND	ND	ND	ND	
Nonabromodiphenyl Ether (NonaBDE)	ND	ND	ND	ND	
Decabromodiphenyl Ether (DecaBDE)	ND	ND	ND	ND	

Remarks : ppm=Parts per million based on dry weight of sample
 µg/cm²=Microgram per square centimetre
 mg/kg with 50 cm²=Milligram per kilogram with 50 square centimetre
 <=Less than
 ND =Not detected NA =Not applicable NR =Not requested

(B) Test Method :

Testing Item	Testing Method	Reporting Limit
Cadmium (Cd)Content	With reference to IEC 62321:2008,by acid digestion and determined by ICP-OES	2 ppm
Lead (Pb)Content	With reference to IEC 62321:2008,by acid digestion and determined by ICP-OES	2 ppm
Mercury (Hg)Content	With reference to IEC 62321:2008,by acid digestion and determined by ICP-OES	2 ppm
Chromium VI (Cr6+)(For non-metal)	With reference to IEC 62321:2008,by alkaline digestion and determined by UV-VIS spectrophotometer	1 ppm
Chromium VI (Cr6+)(For metal)	With reference to IEC 62321:2008,by SPOT TEST	1 ppm (IN TESTING SOLUTION)
Chromium VI (Cr6+)(For metal)	With reference to IEC 62321:2008 ,by boiling water extraction and determined by UV-VIS spectrophotometer	0.02 mg/kg with 50 cm ² (IN TESTING SOLUTION)
PBBs/PBDEs	With reference to IEC 62321:2008,by solvent extraction and determined by GC/MS and HPLC	5 ppm

NOTE : The above limits were quoted from 2011/65/EU(2002/95/EC) and amendment 2005/618/EC for homogeneous material.



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(A) Test Method Summary

Testing Item	Result				RoHS Limit (ppm)
	Part 25				
Cadmium (Cd) Content	ND				0.01 % (100 ppm)
Chromium VI (Cr+6) Content (ppm) (for non - metal)	ND				0.1 % (1000 ppm)
Chromium VI (Cr+6) Content ($\mu\text{g}/\text{cm}^2$) (for metal)	NA				
Chromium VI (Cr+6) Result (By spot test on metal)	NA				NEGATIVE
Lead (Pb) Content	ND				0.1 % (1000 ppm)
Mercury (Hg) Content	ND				0.1 % (1000 ppm)
Flame Retardants					0.1 % (1000 ppm)
Polybrominated Biphenyls (PBB)	ND				
Monobromobiphenyl (MonoBB)	ND				
Dibromobiphenyl (DiBB)	ND				
Tribromobiphenyl (TriBB)	ND				
Tetrabromobiphenyl (TetraBB)	ND				
Pentabromobiphenyl (PentaBB)	ND				
Hexabromobiphenyl (HexaBB)	ND				
Heptabromobiphenyl (HeptaBB)	ND				
Octabromobiphenyl (OctaBB)	ND				
Nonabromobiphenyl (NonaBB)	ND				
Decabromobiphenyl (DecaBB)	ND				
Polybrominated Diphenyl Ethers (PBDE)	ND				
Monobromodiphenyl Ether (MonoBDE)	ND				
Dibromodiphenyl Ether (DiBDE)	ND				
Tribromodiphenyl Ether (TriBDE)	ND				
Tetrabromodiphenyl Ether (TetraBDE)	ND				
Pentabromodiphenyl Ether (PentaBDE)	ND				
Hexabromodiphenyl Ether (HexaBDE)	ND				
Heptabromodiphenyl Ether (HeptaBDE)	ND				
Octabromodiphenyl Ether (OctaBDE)	ND				
Nonabromodiphenyl Ether (NonaBDE)	ND				
Decabromodiphenyl Ether (DecaBDE)	ND				

Remarks : ppm=Parts per million based on dry weight of sample
 $\mu\text{g}/\text{cm}^2$ =Microgram per square centimetre
mg/kg with 50 cm^2 =Milligram per kilogram with 50 square centimetre
≤=Less than
ND =Not detected NA =Not applicable NR =Not requested

(B) Test Method :

Testing Item	Testing Method	Reporting Limit
Cadmium (Cd)Content	With reference to IEC 62321:2008,by acid digestion and determined by ICP-OES	2 ppm
Lead (Pb)Content	With reference to IEC 62321:2008,by acid digestion and determined by ICP-OES	2 ppm
Mercury (Hg)Content	With reference to IEC 62321:2008,by acid digestion and determined by ICP-OES	2 ppm
Chromium VI (Cr6+)(For non-metal)	With reference to IEC 62321:2008,by alkaline digestion and determined by UV-VIS spectrophotometer	1 ppm
Chromium VI (Cr6+)(For metal)	With reference to IEC 62321:2008,by SPOT TEST	1 ppm (IN TESTING SOLUTION)
Chromium VI (Cr6+)(For metal)	With reference to IEC 62321:2008 ,by boiling water extraction and determined by UV-VIS spectrophotometer	0.02 mg/kg with 50 cm^2 (IN TESTING SOLUTION)
PBBs/PBDEs	With reference to IEC 62321:2008,by solvent extraction and determined by GC/MS and HPLC	5 ppm

NOTE : The above limits were quoted from 2011/65/EU(2002/95/EC) and amendment 2005/618/EC for homogeneous material.



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#END OF TEST REPORT#



A large, stylized handwritten signature in blue ink is written over a circular blue stamp. The stamp is identical to the IQC logo, featuring a globe, checkmark, and the text "IQC INTERNATIONAL QUALITY CERTIFICATION BODY".