

**Sample No.** : AYGA23-03728.001  
**Sample Description** : ECOS-S840  
**Item No./Part No.** : N/A  
**Materials** : Liquid


**VOCs(Volatile Organic Compounds)**

Test Items	Unit	Test Method	MDL	Results
Benzene	mg/kg	EPA 5021, 8260, GC/MS	1	N.D.
Carbon Tetrachloride (=Tetrachloromethane)	mg/kg	EPA 5021, 8260, GC/MS	1	N.D.
Chloroform (=Trichloromethane)	mg/kg	EPA 5021, 8260, GC/MS	1	N.D.
1,2-Dibromoethane	mg/kg	EPA 5021, 8260, GC/MS	1	N.D.
1,2-Dichlorobenzene	mg/kg	EPA 5021, 8260, GC/MS	1	N.D.
1,4-Dichlorobenzene	mg/kg	EPA 5021, 8260, GC/MS	1	N.D.
1,2-Dichloroethane	mg/kg	EPA 5021, 8260, GC/MS	1	N.D.
1,2-Dichloropropane	mg/kg	EPA 5021, 8260, GC/MS	1	N.D.
Tetrachloroethene (=Tetrachloroethylene, PCE)	mg/kg	EPA 5021, 8260, GC/MS	1	N.D.
Toluene	mg/kg	EPA 5021, 8260, GC/MS	1	N.D.
Trichloroethylene (= Trichloroethene, TCE)	mg/kg	EPA 5021, 8260, GC/MS	1	N.D.
Methylene Chloride (=Dichloromethane)	mg/kg	EPA 5021, 8260, GC/MS	1	N.D.
Methyl Ethyl Ketone (MEK)	mg/kg	EPA 5021, 8260, GC/MS	1	N.D.
Vinyl Chloride	mg/kg	EPA 5021, 8260, GC/MS	2	N.D.

- NOTE: (1) N.D. = Not detected. (<MDL)  
 (2) mg/kg = ppm, ug/kg = ppb, mg/L = ppm  
 (3) MDL = Method Detection Limit  
 (4) - = No regulation  
 (5) \*\* = Qualitative analysis (No Unit)  
 (6) Negative = Undetectable / Positive = Detectable  
 (7) The results shown in this test report refer only to the sample(s) tested unless otherwise stated.

This test report is not related to Korea Laboratory Accreditation Scheme .

**Product Name** : ECOS-S840  
**Item No./Part No.** : N/A  
**Received Date** : 2023. 07. 13  
**Test Period** : 2023. 07. 13 to 2023. 07. 21  
**Test Results** : For further details, please refer to following page(s)

**Billy Oh**  
 Tonny Park Billy Oh

**Sample No.** : AYGA23-03722.001  
**Sample Description** : ECOS-S840  
**Item No./Part No.** : N/A  
**Materials** : Liquid


**Heavy Metals**

Test Items	Unit	Test Method	MDL	Results
Cadmium (Cd)	mg/kg	With reference to IEC 62321-5 : 2013, by ICP-OES	0.5	N.D.
Lead (Pb)	mg/kg	With reference to IEC 62321-5 : 2013, by ICP-OES	5	N.D.
Mercury (Hg)	mg/kg	With reference to IEC 62321-4 : 2013+AMD1:2017CSV, by ICP-OES	2	N.D.
Hexavalent Chromium (Cr VI)*	mg/kg	With reference to IEC 62321-7-2 : 2017, by UV-Vis and/or with reference to IEC 62321-5 : 2013, by ICP-OES	8	N.D.

**Flame Retardants-PBBs/PBDEs**

Test Items	Unit	Test Method	MDL	Results
Monobromobiphenyl	mg/kg	With reference to IEC 62321-6 : 2015, by GC-MS	5	N.D.
Dibromobiphenyl	mg/kg	With reference to IEC 62321-6 : 2015, by GC-MS	5	N.D.
Tribromobiphenyl	mg/kg	With reference to IEC 62321-6 : 2015, by GC-MS	5	N.D.
Tetrabromobiphenyl	mg/kg	With reference to IEC 62321-6 : 2015, by GC-MS	5	N.D.
Pentabromobiphenyl	mg/kg	With reference to IEC 62321-6 : 2015, by GC-MS	5	N.D.
Hexabromobiphenyl	mg/kg	With reference to IEC 62321-6 : 2015, by GC-MS	5	N.D.
Heptabromobiphenyl	mg/kg	With reference to IEC 62321-6 : 2015, by GC-MS	5	N.D.
Octabromobiphenyl	mg/kg	With reference to IEC 62321-6 : 2015, by GC-MS	5	N.D.
Nonabromobiphenyl	mg/kg	With reference to IEC 62321-6 : 2015, by GC-MS	5	N.D.
Decabromobiphenyl	mg/kg	With reference to IEC 62321-6 : 2015, by GC-MS	5	N.D.
Monobromodiphenyl ether	mg/kg	With reference to IEC 62321-6 : 2015, by GC-MS	5	N.D.
Dibromodiphenyl ether	mg/kg	With reference to IEC 62321-6 : 2015, by GC-MS	5	N.D.
Tribromodiphenyl ether	mg/kg	With reference to IEC 62321-6 : 2015, by GC-MS	5	N.D.
Tetrabromodiphenyl ether	mg/kg	With reference to IEC 62321-6 : 2015, by GC-MS	5	N.D.
Pentabromodiphenyl ether	mg/kg	With reference to IEC 62321-6 : 2015, by GC-MS	5	N.D.
Hexabromodiphenyl ether	mg/kg	With reference to IEC 62321-6 : 2015, by GC-MS	5	N.D.
Heptabromodiphenyl ether	mg/kg	With reference to IEC 62321-6 : 2015, by GC-MS	5	N.D.
Octabromodiphenyl ether	mg/kg	With reference to IEC 62321-6 : 2015, by GC-MS	5	N.D.
Nonabromodiphenyl ether	mg/kg	With reference to IEC 62321-6 : 2015, by GC-MS	5	N.D.
Decabromodiphenyl ether	mg/kg	With reference to IEC 62321-6 : 2015, by GC-MS	5	N.D.