

Sample No. : AYGA23-03727.001
Sample Description : ECOS-R421
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-R421
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)

Tony Park

Billy Oh

Sample No. : AYGA23-03721.001
Sample Description : ECOS-R421
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.