



TEST REPORT

**BUREAU
VERITAS**

Report No. (8220)511-0048-001

Date Issued : 2020. 09. 07

Page 1 of 6

Company Name : KANSAIIZUMI CO.,LTD.

Address : 477-1, ROKUBUICHI, INAMICHO, KAKO, HYOGO 675-1112,
JAPAN

Sample Description

Name / Type of Product : ECOROKU(BIO)
Item No. / Part No. : -
Material/Color : Polyethylene
Manufacturer/Vendor : KANSAIIZUMI CO.,LTD.

Date Received : 2020. 09. 02
Test Period : 2020. 09. 02 ~ 2020. 09. 07

Test Type : Wet chemical analysis for restricted substances.
Test Method(s) : For the detail, please the following page(s).
Test Results(s) : For the detail, please the following page(s).

REMARK

The test results presented in this report relate only to the object tested.
If there are questions or concerns on this report, please contact:

Bo Young Oh ,(8231) 688 8021,
boyoung.oh@kr.bureauveritas.com

Approved by

Bureau Veritas Korea Co., Ltd.
Consumer Product Services

JIN KIM

Lab Technical Manager / Bureau Veritas Korea CPS

Authorized by

Bureau Veritas Korea Co., Ltd.
Consumer Product Services

HOON SONG

Lab Manager / Bureau Veritas Korea CPS

Bureau Veritas Korea CPS
RM810 8F O-Biz tower 813, Gwangyang-dong,
Anyang-si, Gyeonggi-do, 431-060,
Republic of Korea
Tel : +82.31.688.8021
Fax: +82.450.3274

DISCLAIMER OF LIABILITY:

This report is governed by, and incorporates by reference, the Conditions of Testing as posted at the date of issuance of this report at <http://www.bureauveritas.com/cps> and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.1.The above test certificate is independent of the KOLAS recognition criteria (KS Q ISO/IEC 17025) and KOLAS recognition.2.The above test certificate is independent of the accredited test results by Korea Laboratory Accreditation Scheme, which signed the ILAC-MRA.



TEST REPORT

**BUREAU
VERITAS**

Report No. (8220)511-0048-001

Date Issued : 2020. 09. 07
Name / Type of Product : ECOROKU(BIO)

Page 2 of 6

TEST RESULT

Test Item	Test Method	Unit	MDL	Result
Lead (Pb)	With reference to International Standard IEC 62321-5: 2013, Determined by ICP-OES.	mg/kg	2	ND
Cadmium (Cd)		mg/kg	2	ND
Mercury (Hg)	With reference to International Standard IEC 62321-4: 2013, Determined by ICP-OES.	mg/kg	2	ND
Chromium VI (Cr VI)	With reference to International Standard IEC 62321-7-2 2017, Determined by UV-Vis.	mg/kg	2	ND
PBBs				
MonoBB	With reference to International Standard IEC 62321-6: 2015, Determined by GC-MS.	mg/kg	5	ND
DiBB		mg/kg	5	ND
TriBB		mg/kg	5	ND
TetraBB		mg/kg	5	ND
PentaBB		mg/kg	5	ND
HexaBB		mg/kg	5	ND
HeptaBB		mg/kg	5	ND
OctaBB		mg/kg	5	ND
NonaBB		mg/kg	5	ND
DecaBB		mg/kg	5	ND
PBDEs				
MonoBDE	With reference to International Standard IEC 62321-6: 2015, Determined by GC-MS.	mg/kg	5	ND
DiBDE		mg/kg	5	ND
TriBDE		mg/kg	5	ND
TetraBDE		mg/kg	5	ND
PentaBDE		mg/kg	5	ND
HexaBDE		mg/kg	5	ND
HeptaBDE		mg/kg	5	ND
OctaBDE		mg/kg	5	ND
NonaBDE		mg/kg	5	ND
DecaBDE		mg/kg	5	ND

Note / Key :

mg/kg = milligram(s) per kilogram = ppm = part(s) per million
MDL = Method detection limit
ND = Not detected
“>” = Greater than
NA = Not applicable



TEST REPORT

**BUREAU
VERITAS**

Report No. (8220)511-0048-001

Date Issued : 2020. 09. 07
Name / Type of Product : ECOROKU(BIO)

Page 3 of 6

TEST RESULT

Test Item	Test Method	Unit	MDL	Result
DBP	With reference to IEC 62321-8: 2017, Determined by GC-MS & LC-MS.	mg/kg	50	ND
DEHP		mg/kg	50	ND
DIBP		mg/kg	50	ND
BBP		mg/kg	50	ND

Note / Key :

mg/kg = milligram(s) per kilogram = ppm = part(s) per million
MDL = Method detection limit
ND = Not detected
“>” = Greater than
NA = Not applicable

List of Phthalates [European Parliament and Council Directive 2011/65/EU] :

No.	Name of Analyte(s)	CAS-No.
1	Di-n-butyl phthalate(Dibutyl phthalate) (DBP)	84-74-2
2	Di-2-ethylhexyl phthalate(Bis (2-ethylhexyl) phthalate) (DEHP)	117-81-7
3	Diisobutyl phthalate (DIBP)	84-69-5
4	Butyl benzyl phthalate (BBP)	85-68-7

CAS-No. = Chemical Abstracts Service registry number

Remark:

- Denotes as this maximum allowable limit applies to :
- a - Medical devices and monitoring and control instruments placed on the market on or after July 22, 2021.
 - Other products placed on the market on or after July 22, 2019.



TEST REPORT

**BUREAU
VERITAS**

Report No. (8220)511-0048-001

Date Issued : 2020. 09. 07
Name / Type of Product : ECOROKU(BIO)

Page 4 of 6

Photo of the Submitted Sample





TEST REPORT

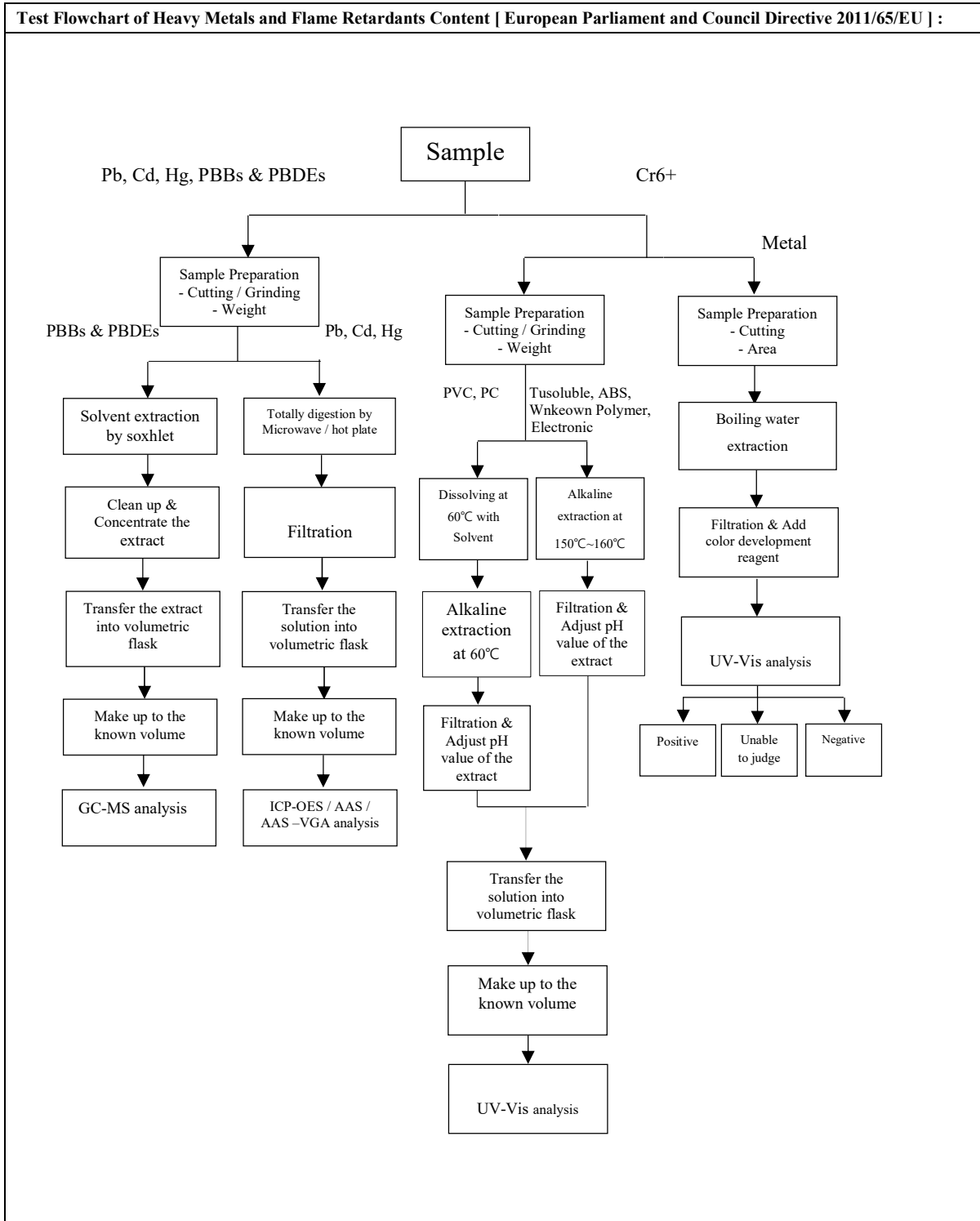
**BUREAU
VERITAS**

Report No. (8220)511-0048-001

Date Issued : 2020. 09. 07
Name / Type of Product : ECOROKU(BIO)

Page 5 of 6

Test Flowchart of Heavy Metals and Flame Retardants Content [European Parliament and Council Directive 2011/65/EU] :





**BUREAU
VERITAS**

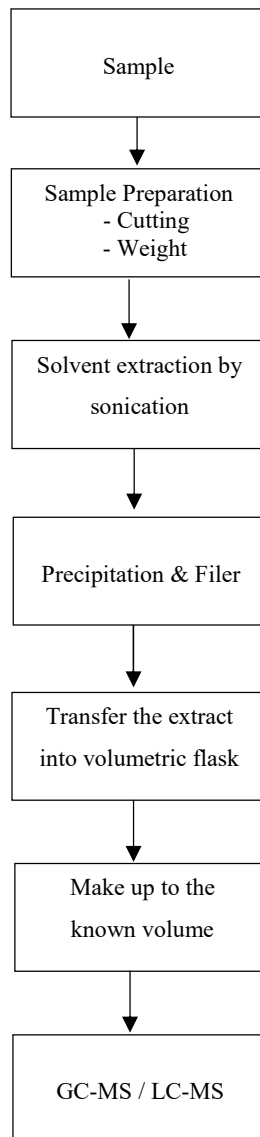
TEST REPORT

Report No. (8220)511-0048-001

Date Issued : 2020. 09. 07
Name / Type of Product : ECOROKU(BIO)

Page 6 of 6

Test Flowchart of Phthalates Content [European Parliament and Council Directive 2015/863/EU] :



- End of Report -