

Material List:

Item: Bioplast Product-FNSR

Material No.	Material	Color	Location
M001	Plastic	Clear	Refer to photo

1.Total Lead Content

Test Method: Total Lead - With reference to US EPA 3050B, acid digestion.
Analysis was performed by ICP- MS.

Test result

Test No.	Material No.	Test Parameter	Unit	RL	Regulatory Requirement	Test Result
T0031	M001	Total Lead	mg/kg	2	500	n.d.

Abbreviation: n.d. denotes Not Detected (<RL)
RL denotes Reporting Limit
mg/kg denotes Milligram per kilogram

2.Total Cadmium Content

Test Method: Acid digestion based on EPA 3050B:1996 (Modified) / EPA 3052:1996 (Modified).
Analysis was performed by ICP-MS.

Test Result:

Test No.	Material No.	Test Parameter	Unit	RL	Regulatory Requirement	Test Result
T001	M001	Total Cadmium	mg/kg	2	100	n.d.

Abbreviation: n.d.denotes Not Detected (<RL)
RLdenotes Reporting Limit
mg/kgdenotes Milligram per kilogram

3. Phthalates Content

Test Method: Organic solvent extraction, analyzed by GCMS.

Test Result:

Test No.					T001
Material No.					M001
Test Parameter	CAS NO	Unit	RL	Regulatory Requirement	Result
Dibutyl phthalate (DBP)	84-74-2	%	0.005	NA	n.d.
Benzylbutyl phthalate (BBP)	85-68-7	%	0.005	NA	n.d.
Diethylhexyl phthalate (DEHP)	117-81-7	%	0.005	NA	n.d.
Diisobutyl phthalate (DIBP)	84-69-5	%	0.005	NA	n.d.
Sum (DBP+BBP+DEHP +DIBP)	--	%	0.005	0.1	n.d.
Di-n-octyl phthalate (DNOP)	117-84-0	%	0.005	NA	n.d.
Diisodecyl phthalate (DIDP)	26761-40-0, 68515-49-1	%	0.005	NA	n.d.
Diisononyl phthalate (DINP)	28553-12-0, 68515-48-0	%	0.005	NA	n.d.
Sum (DNOP+DIDP+DINP)	-	%	0.005	0.1	n.d.
Sum (DBP + BBP + DEHP + DINP + DIDP + DNOP + DIBP)	-	%	0.005	NA	n.d.

Abbreviation: n.d. = Not Detected (<RL)
RL = Reporting Limit
NA = Not Applicable
% denotes percentage

Identification/
Model No(s):

Bioplast Product-FNSR

Sample Receiving date:

2023-08-03

Testing Period:

2023-08-03 to 2023-08-25

Delivery condition:

Apparent good, Samples tested as received

Test Specification:	Test result:
1. Total Lead content in accordance to: REACH regulation (EC) No. 1907/2006 and Commission Regulation no. 836/2012 Annex XVII Item 63	PASS
2. Total Cadmium in accordance to: REACH Regulation (EC) No 552/2009 amending Annex XVII item 23 of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 91/338/EC)	PASS
3. Phthalate content; REACH regulation (EC) No.1907/2006 and amendment no. 552/2009 Annex XVII Item 51 & 52 (formerly known as 2005/84/EC)	PASS