

Krishnaveni Carbon Products (P) Ltd
63/3, Athipalayam Road, Chinnavedampatti
641006 Coimbatore, Tamil Nadu
India



Report 2023L45750 / 1
Date of report 14. December 2023 / 17:29
Type of order General tests
Client Krishnaveni Carbon Products (P) Ltd,

Sender

Report	Sample
2023L45750 / 1	KH369AC

Amount 10+ pcs
Packing plastic bag
Received on 10/11/2023

Assessment

Based on the available results, documents and assumptions, the results of the analytics as described are in compliance with:
- FDA 21 CFR § 177.2410

References

EU1935/2004 Regulation (EC) No 1935/2004 of 27.10.2004, article 3 section 1 paragraphs a) and b)
Art.3a+b
CH BedGeg VO SR 817.023.21: Swiss Regulation on Food Contact Materials of 16.12.2016, updated 15.10.2022
FDA 177.2410 § 177.2410 - Phenolic resins in molded articles.

Basis of Analysis

EN 1186 EN 1186: Materials and articles in contact with foodstuffs - Plastics, May 2002, amended August 2022

Chemical Analysis

Specifically analysed Parameters
See table at the end of the report.

FDA - Extractives

The analysis was set-up as follows according to FDA 21 CFR and customer instructions.

Migration / extraction preparation:
- total immersion, as a whole

Solvent / simulant:
- water, 2 h / reflux

Specific Migration:
- water, 2 h / reflux

Results

Specifically analysed Parameters
None of the specifically analysed substances were detectable.

FDA - Extractives

The extractives residue values obtained with the tested solvents/simulants are within the range of the limit (assumed measurement uncertainty $\pm 20\%$).

Migration / Extraction			
Parameter Method (location)	Result	Units	value/ Legal Basis of assessment
2 h / reflux			
Overall migration water MIGMET002 Gravimetry / GC-FID (Dietikon)	2.6	mg/dm ²	2.3 limit (FDA 177.2410) LOQ:1.4
Overall migration water MIGMET002 Gravimetry / GC-FID (Dietikon)	0.17	mg/inch ²	0.15 limit (FDA 177.2410) LOQ:0.090
Specific migrate water MIGMET003 Various methods (Dietikon)	done		

Specific substances			
Parameter Method (location)	Result	Units	
water			
Phenol CAS 108-95-2 LSPMET17 Glycole (na) GC-MS (Dietikon)	not detected	mg/dm ²	LOQ:0.017 LOD:0.0085
Phenol CAS 108-95-2 LSPMET17 Glycole (na) GC-MS (Dietikon)	not detected	mg/inch ²	LOQ:0.0011 LOD:0.00055
Phenol CAS 108-95-2 LSPMET17 Glycole (na) GC-MS (Dietikon)	not detected	mg/kg food	LOQ:0.10 LOD:0.050
Primary aromatic amines (PAAs), multimethod (Reach 22 & Aniline) FCMMET08PAA LC-HRMS (Dietikon)	done		
aniline CAS 62-53-3 FCMMET08PAA LC-HRMS (Dietikon)	not detected	µg/dm ²	LOQ:0.14 LOD:0.072

Report released by: Tina Richter, Technical Manager
This report is signed electronically and therefore valid.

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