



ALS Germany GmbH
Laboratory Services
Oststr. 7 · 48341 Altenberge
www.alsglobal.com/GERMANY

Certificate

Product: Paper straws

Customer: Schmider Papierhülsen GmbH
Robert-Bosch-Str. 9, 71397 Leutenbach

The products mentioned above are food contact materials. Various samples (straws A, B and D) with different base papers and partially printed were provided to us by our customer for testing. The exact material composition and information on the printing inks used for the tested paper straws A to D are available to the testing institute. The samples mentioned were tested for organoleptic behaviour, color fastness to optical brighteners, color fastness, perfluorooctanoic acid and perfluorooctanesulfonic acid, ethylene oxide, polycyclic aromatic hydrocarbons, saliva fastness, chlorophenols and Per- and polyfluoroalkyl substances (PFAS). Furthermore, the product was analyzed for glyoxal, formaldehyde, isothiazolinones, bronopol, 3-MCPD and DCP, metals and primary aromatic amines in the cold water extract. Mineral oils, styrene, 2-ethylenehexyl acrylate, acrylic acid, ethyl acrylate, 2-phenylpropene, BHT, dipropylene glycol monome ethyl ether, methyl methacrylate, methacrylic acid, 2-ethoxyethoxyethanol, alkyl (C8-C22) sulfonic acids, butyl acrylate, aluminum, epichlorohydrin and tert. Butyl acrylate were analyzed. Furthermore, a GC-MS overview analysis was carried out. (WESSLING test reports CAL24-009996-2, CAL24-010402-1, CAL24-011015-2 and ALS test reports CAL26-043096-1, CAL26-043119-1, CAL26-043128-1).

The test conditions used refer to a short-term contact of up to 2 hours at a maximum of 70°C. A straw was inserted to 200 mL.

A paper straw with an additional layer of paper was also tested on a risk basis and analogue to the above-mentioned tests for an application of up to 100°C (WESSLING test report CAL25-014861-2). The test conditions used here refer to a short-term contact at a maximum of 100°C. A straw was inserted to 200 mL.

With regard to manner and extent of the performed examinations and considering the intended use described above, the tested present sample is in compliance with the following regulations and standards, each in their current version:

- Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 on materials and articles intended to come into contact with food and repealing Directives 80/590/EEC and 89/109/EEC
- Foodstuffs, Consumer Goods and Animal Feed Code ("Foodstuffs and Animal Feed Code" – LFGB) of 1st September 2005
- Recommendation of the BfR No. XXXVI for Paper and board intended for the contact with foodstuffs

Applicable limit values of the following regulations in their current version are being observed:

- Regulation (EU) No. 10/2011 of 14 January 2011 on plastic materials and articles intended to come into contact with food
- Swiss Consumer Goods Ordinance No. 817.023.21 of 16th December 2016, Annex 10 (Requirements for printing inks)

The physical/technological applicability of the article has to be verified and ensured by the respective user himself. The traceability according to Regulation (EC) No. 1935/2004 as well as good manufacturing practice in terms of Regulation (EC) No. 2023/2006 has to be guaranteed by the company mentioned above.



Anne Freudenberg
Food Chemist

CAL25-043096-1_CER

15th June 2026

The certificate is valid for two years.

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