



INSTITUT PRO TESTOVÁNÍ A CERTIFIKACI, a. s.

třída Tomáše Bati 299, Louky, 763 02 Zlín, Czech Republic

Testing Laboratory No. 1004

accredited by ČIA according to ČSN EN ISO/IEC 17025:2005



Testing laboratory * Calibration laboratory * Product certification body * Quality management systems certification body
Inspection body * Authorized body * Notified body

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ACCREDITED LABORATORY TEST REPORT ref. No. 472112495-02

Client: F. U. H. "VIDE" mgr inž. Dorota Ławniczak
VAT No. PL5482454617

Address: ul. J. Słowackiego 16, 43-410, Zebrzydowice, Poland

Issued for : JARS S.A.
Lajski, ul. Koscielna 2a, 05-119 Legionowo, Poland

Sample: **Samples of PET flakes**
– see sample description on the page No. 2 of this document

Sample received on: August 13, 2019

Report elaborated by: Dipl. Ing. Daniel Vít

Place and date of issue: Zlín, September 2, 2019



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Dipl. Ing. Jiří Samsonek, Ph.D.
Head of Accredited Testing Laboratory

Note: The results given in this Test Report apply only to the sample tested by our laboratory!
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Description and identification:

The client supplied for the testing samples of PET flakes. For sample description see table No I.

Table No. I – Description of supplied samples according to the client

ITC identification No.	Sample name according to the client
472112495/02	sample No. 3291/08/19 – flakes blue



Fig. I - supplied sample of flakes

Sampling method used:

The test sample was collected and supplied to the laboratory by the client. The laboratory is not responsible for this way of sampling.

Work requested:

Evaluation of **selected hygienic parameters** according to the requirements of Commission Regulation 10/2011 as amended.

Testing method used:

The following test was performed:

1. Determination of primary aromatic amines according to ITC's test procedure A-07-69

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Test conditions:

The test conditions were selected by the client. The client also supplied information about the surface/weight ratio of the sample: 12,07 grams of the flakes has the surface of 100cm²

Ad 1.	3% acetic acid, 60°C, 10 days 10% ethanol, 60°C, 10 days 95% ethanol, 60°C, 10 days migration ratio: 300 cm ² /100 ml simulant, results recalculated for ratio 60 cm ² /100 ml simulant
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The laboratory is not responsible for information received from customer, which could have influence on the validity of the results. Further information required by the standard/standards and not given in this Test Report are available at a request at the Laboratory.

Testing laboratory:

The tests were performed in Workplace no.: 1 - třída Tomáše Bati 299, Louky, 763 02 Zlín.

Test results:

Table No. II. Test results of specific migration of primary aromatic amines

Migration conditions	Unit	Value obtained	Uncertainty	Limit ²⁾	Evaluation
Sample No. 472112495/02 – sample No. 3291/08/19 – flakes blue					
3% acetic acid, 60°C, 10 days	mg/kg ³⁾	Negative ¹⁾	-	max. 0,01	Compliance
10% ethanol, 60°C, 10 days	mg/kg ³⁾	Negative ¹⁾	-	max. 0,01	Compliance
95% ethanol, 60°C, 10 days	mg/kg ³⁾	Negative ¹⁾	-	max. 0,01	Compliance

Notes:

- 1) Negative = visual evaluation of the colour of the leachate, detection limit less than 0,01 mg/kg of food simulant for migration ratio 60 cm² / 100 ml
- 2) Limit value according to Commission Regulation No. 10/2011, as amended
- 3) Results expressed as mg of aniline per kg of the food simulant

Evaluation carried out by:

Dipl. Ing. Daniel Vít

Dipl. Ing. Věra Vilímková

Head of the laboratory of analytical chemistry and microbiology

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