

SP LABORATORIJA AD BEČEJ Accreditation number: 01-018	LIST OF ACTIVITIES CONDUCTED UNDER THE FLEXIBLE SCOPE OF ACCREDITATION FOR METHOD OF EXAMINATION - DETERMINATION OF MYCOTOXINS	LFO 003
		Edition 2 from 23.01.2019.

Type of test and/or measured characteristic	Test object material / product	Measurement range	Technique	Method	Date of the first application in flexible scope of accreditation for the given characteristic	Validation/ Verification report	Last updated
Aflatoxin B1	Food, animal feed	min 0,3µg/kg (min 0,1µg/kg)*	HPLC-FLD	VM/MET 913	21.06.2018.	17a/2017/ISI	21.06.2018.
	Food, animal feed	min 0,8µg/kg	LC-MS/MS	VM/MET 913		17f/2017/ISI	03.08.2018.
Aflatoxin B2	Food, animal feed	min 0,3µg/kg (min 0,1µg/kg)*	HPLC-FLD	VM/MET 913	21.06.2018.	17a/2017/ISI	21.06.2018.
	Food, animal feed	min 0,8µg/kg	LC-MS/MS	VM/MET 913		17f/2017/ISI	03.08.2018.
Aflatoxin G1	Food, animal feed	min 0,3µg/kg (min 0,1µg/kg)*	HPLC-FLD	VM/MET 913	21.06.2018.	17a/2017/ISI	21.06.2018.
	Food, animal feed	min 0,8µg/kg	LC-MS/MS	VM/MET 913		17f/2017/ISI	03.08.2018.
Aflatoxin G2	Food, animal feed	min 0,3µg/kg (min 0,1µg/kg)*	HPLC-FLD	VM/MET 913	21.06.2018.	17a/2017/ISI	21.06.2018.
	Food, animal feed	min 0,8µg/kg	LC-MS/MS	VM/MET 913		17f/2017/ISI	03.08.2018.
Ochratoxin A	Food, animal feed	min 0,8µg/kg (min 0,5 µg/kg)*	HPLC-FLD	SRPS EN 16007 SRPS EN 14132 VM/MET 913	21.06.2018.	101/2015/ISI 16/2015/ISI	21.06.2018.
	Food, animal feed	min 1,2µg/kg	LC-MS/MS	VM/MET 913		17f/2017/ISI	03.08.2018.
Zearalenone ⁴⁾	Food	min 10µg/kg	HPLC-FLD	SRPS EN 15850 VM/MET 913	21.06.2018.	2/2015/ISI 17b/2017/ISI	21.06.2018.
	Animal feed	min 30µg/kg	HPLC-FLD	SRPS EN 15792		2/2015/ISI 17c/2017/ISI	21.06.2018.
	Food, animal feed	min 10µg/kg	LC-MS/MS	VM/MET 913		17f/2017/ISI	03.08.2018.
Fumonisine B1 ⁴⁾	Food	min 90µg/kg	HPLC-FLD	SRPS EN 16187	21.06.2018.	17d/2017/ISI	21.06.2018.
	Animal feed	min 3mg/kg	HPLC-FLD	SRPS EN 16006		17d/2017/ISI	21.06.2018.
	Food, animal feed	min 90µg/kg	LC-MS/MS	VM/MET 913		17f/2017/ISI	03.08.2018.

Prepared by: E. Ivan

Approved by: A. Bauer

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Fumonisine B2	Food	min 30µg/kg	HPLC-FLD	SRPS EN 16187	21.06.2018.	17d/2017/ISI	21.06.2018..
	Animal feed	min 3mg/kg	HPLC-FLD	SRPS EN 16006		17d/2017/ISI	21.06.2018..
	Food, animal feed	min 30µg/kg	LC-MS/MS	VM/MET 913		17f/2017/ISI	03.08.2018.
Deoxynivalenol (DON)	Food	min 60µg/kg	HPLC-PDA	SRPS EN 15891	21.06.2018.	17e/2017/ISI	21.06.2018..
	Animal feed	min 150µg/kg	HPLC-PDA	SRPS EN 15791		17e/2017/ISI	21.06.2018.
	Food, animal feed	min 60µg/kg	LC-MS/MS	VM/MET 913		17f/2017/ISI	03.08.2018
T-2	Food, animal feed	min 10µg/kg	LC-MS/MS	VM/MET 913 SRPS EN 16877	03.08.2018.	5/2017/ISI 17f/2017/ISI	03.08.2018.
HT-2	Food, animal feed	min 10µg/kg	LC-MS/MS	VM/MET 913 SRPS EN 16877	03.08.2018.	5/2017/ISI 17f/2017/ISI	03.08.2018.
Aflatoxin M1	Milk and milk powder; Milk products	min 0,01µg/kg	HPLC-FLD	SRPS EN ISO 14501 VM/MET 913	21.06.2018.	18/2017/ISI	21.06.2018.
Patulin	Apple juice and apple fruit products; Fruits, vegetables, cereals and products	min 10µg/kg	HPLC-PDA	SRPS ISO 8128-1 VM/MET 913	21.06.2018.	19/2017/ISI 11/2018/ISI	05.07.2018.

* baby food (raw materials and products)

Short description of the changes from the previous edition of the List of activities conducted under the flexible scope of accreditation - Determination of mycotoxins residues (marked in gray):

- 1) extension of the measured characteristic
- 2) changes of technique
- 3) changes of method
- 4) technical changes

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Chronology of change:

23.01.2019. LFO 003, edition 2: Technical errors were fixed.

18.10.2018. LFO 003, izdanje 1: List of activities conducted under the flexible scope of accreditation is divided into 4 parts, of which LFO 003 relates to the method of determining mycotoxins.

03.08.2018. List of activities conducted under the flexible scope of accreditation has been extended by determining T-2 i HT-2 toxin in food and animal feed and changed in the part of technique of aflatoxin B1, B2, G1, G2, ochratoxin A, zearalenone, fumonisine B1, B2 and deoxynivalenol (DON) (LC/MS/MS).

05.07.2018. List of activities conducted under the flexible scope of accreditation has been extended by determining patulins in fruits, vegetables, cereals and their products.

Person responsible for the control of method “Determination of mycotoxins”: MS Biljana Marošanić, spec. in tox.chem.

This list refers to the flexible part of the scope of accreditation, which is available on the website www.ats.rs