

**8.3-FBI-012d List of all testing methods flexible accreditation\_air**

version date: 6th Sep. 2024

ID	Rev	Vers.	Date of release	Title, reference and deviations from standards	Department	E [TT.MM.JJ]
<b>Testing in the areas: air</b>						
<b>Type of testing: gas chromatography using mass-selective detectors</b>						
<i>Parameter: contaminants</i>						
<i>categories 2</i>						
LA-GC-002.04	01	02	2014-10	GC-MS determination of biocides, chlorinated compounds and other non-volatile industrial chemicals in air samples (PU)	POM	09.01.2017
	01	03	2017-01	GC-MS determination of biocides, chlorinated compounds and other non-volatile industrial chemicals in air samples (PU)		13.04.2022
	01	04	2022-04	GC-MS determination of biocides, chlorinated compounds and other non-volatile industrial chemicals in air samples (PU)		28.08.2023
	01	05	2023-08	GC-MS determination of biocides, chlorinated compounds and other non-volatile industrial chemicals in air samples (PU)		
LA-GC-012.04a	01	04	2014-10	GC-MS determination of volatile organic compounds (VOC) on activated carbon tubes after solvent desorption	VOC	12.08.2015
	01	05	2015-08	GC-MS determination of volatile organic compounds (VOC) on activated carbon tubes after solvent desorption		05.08.2020
	01	06	2019-08	GC-MS determination of volatile organic compounds (VOC) on activated carbon tubes after solvent desorption		25.04.2022
	01	07	2022-04	GC-MS determination of volatile organic compounds (VOC) on activated carbon tubes after solvent desorption		19.07.2022
	01	08	2022-07	GC-MS determination of volatile organic compounds (VOC) on activated carbon tubes after solvent desorption		21.09.2023
	01	09	2023-09	GC-MS determination of volatile organic compounds (VOC) on activated carbon tubes after solvent desorption		

**8.3-Fbl-012d List of all testing methods flexible accreditation\_air**

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<b>DIN ISO 16000-6</b>			<b>2022-03</b>	<b>Indoor air - Part 6: Determination of organic compounds (VVOC, VOC, SVOC) in indoor and test chamber air by active sampling on sorbent tubes, thermal desorption and gas chromatography using MS or MS FID (Deviation: Modification of daily calibration, determination limits of the unknown compounds, without sampling)</b>		
LA-GC-012.04b	01	05	2014-09	GC-MS determination of volatile organic compounds (VOC) by means tenax tubes after thermodesorption	VOC	12.08.2015
	01	06	2015-08	GC-MS determination of volatile organic compounds (VOC) by means tenax tubes after thermodesorption		05.08.2019
	01	07	2019-08	GC-MS determination of volatile organic compounds (VOC) by means tenax tubes after thermodesorption		06.04.2022
	01	08	2022-04	GC-MS determination of volatile organic compounds (VOC) by means tenax tubes after thermodesorption		19.07.2022
	01	09	2022-04	GC-MS determination of volatile organic compounds (VOC) by means tenax tubes after thermodesorption		21.09.2023
	01	10	2023-09	GC-MS determination of volatile organic compounds (VOC) by means tenax tubes after thermodesorption		
<b>VDI 2100 / Blatt 2</b>			<b>2010-11</b>	<b>Determination of gaseous compounds in ambient air - Determination of indoor air pollutants - Gas chromatographic determination of organic compounds - Active sampling by accumulation on activated charcoal - Solvent extraction (Deviation: Extension of the analyte spectrum, without sampling)</b>		
LA-GC-013.04	01	01	2016-03	Headspace GC-MS determination of volatile organic compounds (VOC) on activated carbon tubes after solvent desorption	HS	31.03.2022
	01	02	2022-03	Headspace GC-MS determination of volatile organic compounds (VOC) on activated carbon tubes after solvent desorption		19.09.2023
	01	03	2023-09	Headspace GC-MS determination of volatile organic compounds (VOC) on activated carbon tubes after solvent desorption		

**8.3-Fbl-012d** List of all testing methods flexible accreditation\_air

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<b>Type of testing: liquid chromatography using mass-selective detectors</b>						
<i>Parameter: contaminants</i>						
<i>categories 2</i>						
LA-LC-053.04	02	01	2022-04	LC-MS/MS determination of biocides in air	LC	27.09.2023
	02	02	2023-09	LC-MS/MS determination of biocides in air		
LA-LC-054.04	02	01	2022-04	LC-MS/MS determination of aliphatic amines in air	LC	20.09.2023
	02	02	2023-09	LC-MS/MS determination of aliphatic amines in air		