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## Industrial Hygiene and Ambient Air Monitoring

SPEX CertiPrep offers a range of matrix-matched standards, specifically designed for the needs of various types of industrial hygiene and air monitoring programs.

The following trace metals on mixed cellulose ester filters are specifically formulated to meet testing requirements such as National Institute for Occupational Safety and Health (NIOSH) Methods 7300, 7301, 7302, 7303, ASTM Standard D7035, ISO Standard 15202-1 and 15202-2, and CEN (EN) Standard 13890. Trace metals on quartz filters, designed to meet the testing requirements of EPA IO-3, are also available as stock products. Custom spiked filters are available upon request. Please contact us at [CRMSales@spex.com](mailto:CRMSales@spex.com) for a quote.

For additional product information, please visit <https://www.spexcertiprep.com/industrial-hygiene-filters>.

**Trace Metals on Cellulose Ester Spiked Filters**

Description	Elements	Concentration	Matrix	Part #
Low-level trace metals on cellulose ester filter paper, includes 10 spiked filters and 5 blanks	Ag, Be, Cd, Mn	1 µg/filter	37 mm mixed cellulose ester filter	CFM-SPIKE-1
	Ba, Cr, Co, Cu, Fe, Pb, Ni, Tl, V, Zn	2.5 µg/filter		
	As	10 µg/filter		
Mid-level trace metals on cellulose ester filter paper, includes 10 spiked filters and 5 blanks	Ag	5 µg/filter	37 mm mixed cellulose ester filter	CFM-SPIKE-2
	Ba, Be, Cd, Cr, Co, Mn, Ni, Tl, V	10 µg/filter		
	Cu, Fe, Pb	25 µg/filter		
	As, Zn	50 µg/filter		
High-level trace metals on cellulose ester filter paper, includes 10 spiked filters and 5 blanks	Ag	10 µg/filter	37 mm mixed cellulose ester filter	CFM-SPIKE-3
	Ba, Be, Cd, Cr, Co, Mn, Ni, Tl, V	25 µg/filter		
	Cu, Fe, Pb	50 µg/filter		
	As, Zn	100 µg/filter		
Low-level trace metals on cellulose ester filter paper (with Al), includes 10 spiked filters and 5 blanks	Be	0.1 µg/filter	37 mm mixed cellulose ester filter	CFM-SPIKE-4
	Ag, Cd, Mn	1 µg/filter		
	Ba, Cr, Co, Cu, Fe, Pb, Ni, Tl, V, Zn	2.5 µg/filter		
	As	10 µg/filter		
	Al	50 µg/filter		

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Trace Metals on Cellulose Ester Spiked Filters				
Description	Elements	Concentration	Matrix	Part #
Mid-level trace metals on cellulose ester filter paper (with Al), includes 10 spiked filters and 5 blanks	Be	0.2 µg/filter	37 mm mixed cellulose ester filter	CFM-SPIKE-5
	Ag, Cd, Mn	2 µg/filter		
	Ba, Cr, Co, Cu, Fe, Pb, Ni, Tl, V, Zn	5 µg/filter		
	As	20 µg/filter		
	Al	100 µg/filter		
Low-level trace metals on cellulose ester filter paper (with U), includes 10 spiked filters and 5 blanks	Ag, Be, Cd, Mn	1 µg/filter	37 mm mixed cellulose ester filter	CFM-SPIKE-1U
	Ba, Cr, Co, Cu, Fe, Pb, Ni, Tl, U, V, Zn	2.5 µg/filter		
	As	10 µg/filter		
Mid-level trace metals on cellulose ester filter paper (with U), includes 10 spiked filters and 5 blanks	Ag, U	5 µg/filter	37 mm mixed cellulose ester filter	CFM-SPIKE-2U
	Ba, Be, Cd, Cr, Co, Mn, Ni, Tl, V	10 µg/filter		
	Cu, Fe, Pb	25 µg/filter		
	As, Zn	50 µg/filter		
Mixed cellulose ester filter blank (10 filters)	—	—	37 mm mixed cellulose ester filter	CFM-SPIKE-BLK

Trace Metals on Quartz Spiked Filters				
Description	Elements	Concentration	Matrix	Part #
Trace metals on quartz filter paper, includes 5 spiked filters and 1 blank	Be, Cd, Cr, Mn, Ni, Sb	10 µg/filter	37 mm quartz filter	QFM-SPIKE-1
	Pb	25 µg/filter		
	As	50 µg/filter		
37 mm quartz filter blank (5 filters)	—	—	37 mm quartz filter	QFM-SPIKE-BLK

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SPEX CertiPrep can make custom standards to meet your exact needs. Contact us for more information.

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