

Fine dust (PM10-like) (PAHs, elements)

Art. ID	ERM-CZ130
Unit	vial
Deliverydetails	No Dangerous Good /not restricted

Description

ERM-CZ130 is a fine dust material (PM10-like) certified for the mass fraction of selected elements and polycyclic aromatic hydrocarbons. The material is available in 10 mL amber glass vials containing at least 1 g of dried fine powder, sealed under an atmosphere of argon and placed in an aluminium sachet.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Arsenic (As)	[7440-38-2]	17,7 ± 1,4	mg/kg		
	Cadmium (Cd)	[7440-43-9]	4,1 ± 0,4	mg/kg		
	Nickel (Ni)	[7440-02-0]	59 ± 4	mg/kg		
	Lead (Pb)	[7439-92-1]	765 ± 80	mg/kg		
	Benzo[a]anthracene	[56-55-3]	10 ± 0,8	mg/kg		
	Benzo[b]fluoranthene	[205-99-2]	10,1 ± 0,6	mg/kg		
	Benzo[j]fluoranthene	[205-82-3]	4,7 ± 0,5	mg/kg		
	Benzo[k]fluoranthene	[207-08-9]	4,6 ± 0,6	mg/kg		
	Benzo[a]pyrene	[50-32-8]	3 ± 0,3	mg/kg		
	Indeno[1,2,3-cd]pyrene	[193-39-5]	4,3 ± 0,7	mg/kg		
	Dibenzo[a,h]anthracene	[53-70-3]	1,28 ± 0,28	mg/kg		
	Sum of Benzo(b)fluoranthene, Benzo(k)fluoranthene and Benzo(j)fluoranthene		18,6 ± 1,5	mg/kg		