

Fine dust (PM2,5-like)

Art. ID	ERM-CZ110
Unit	approx 150 mg (vial)
Deliverydetails	No Dangerous Good /not restricted

Description

ERM-CZ110 is a fine particles (PM2,5-like) material prepared from particulate matter collected from a road tunnel in Poland. The CRM is available in glass vials containing at least 150 mg of powder. Filling was done under nitrogen atmosphere

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Certified value	Na+		20,4 ± 2	g/kg	Water-soluble ions extracted as described in CEN/TR 16269:2011 or EN 16913:2017	
Certified value	K+		3,3 ± 0,5	g/kg	Water-soluble ions extracted as described in CEN/TR 16269:2011 or EN 16913:2017	
Certified value	Ca ²⁺		44 ± 9	g/kg	Water-soluble ions extracted as described in CEN/TR 16269:2011 or EN 16913:2017	
Certified value	Mg ²⁺		1,8 ± 0,4	g/kg	Water-soluble ions extracted as described in CEN/TR 16269:2011 or EN 16913:2017	

				d in CEN/T R 16269:20 11 or EN 1 6913:2017
Certified value	Cl-	26,2 ± 2,1	g/kg	Water-solu ble ions e xtracted a s describe d in CEN/T R 16269:20 11 or EN 1 6913:2017 and subseq uent deter mination b y IC-CD
Certified value	NO3-	7,8 ± 0,7	g/kg	Water-solu ble ions e xtracted a s describe d in CEN/T R 16269:20 11 or EN 1 6913:2017 and subseq uent deter mination b y IC-CD
Certified value	SO42-	75 ± 13	g/kg	Water-solu ble ions e xtracted a s describe d in CEN/T R 16269:20 11 or EN 1 6913:2017 and subseq uent deter

mination b
y IC-CD

Indicative value	NH ₄ ⁺	1,3 ± 0,5	g/kg	Water-solu ble ions e xtracted a s describe d in CEN/T R 16269:20 11 or EN 1 6913:2017
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