

Fine dust (PM2,5-like)

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| 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 | |

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| | | | | 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 |

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| Indicative value | NH ₄ ⁺ | 1,3 ± 0,5 | g/kg | mination b y IC-CD 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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