

Programme for monitoring of the pollution of air and precipitation

Pollutants in precipitation

Pollutant type	Mandatory programme	Non-mandatory Shared / Joint programme	Voluntary programme
Maximum sampling time	1 month	1 month	1 month
Precipitation	Amount – mm		
Nutrients	NO ₃ ⁻ ; NH ₄ ⁺ .		
Main ions (qa/qc)	Na ⁺ ; Mg ²⁺ ; Cl ⁻ ; K ⁺ ; Ca ²⁺ ; SO ₄ ⁼ ; pH; conductivity.		
Metals	Cd; Pb.	Cr; Ni; Cu; Zn; As; Hg	
POPs	γ-HCH (lindane).		
PCBs	Congeners 28, 52, 101, 118, 138, 153, 180.		
PAHs	Ba(P)		

Airborne pollutants

Pollutant type	Mandatory programme	Non-mandatory Shared / Joint Programme	Voluntary programme
Maximum sampling time	24 hours	1 week	1 week
Nutrients			
air - gas	NO ₂ .		
air - gas	HNO ₃ ; NH ₃ .		
air-particles	NO ₃ ⁻ ; NH ₄ ⁺ .		
or alternatively			
phase sums	(HNO ₃ + NO ₃ ⁻)		
phase sums	(NH ₃ + NH ₄ ⁺).		
Metals			
air particles		Hg Cr; Ni; Cu; Zn; As; Cd; Pb; Hg.	
POPs	γ-HCH (lindane).		
PCBs	Congeners 28, 52, 101, 118, 138, 153, 180.		
PAHs	Ba(P)		