

PROGRAMME 51: CHEMICAL ANALYSES AND METALS IN WASTE (LEACHING)

Wastes can be polluted soils, ashes, clinkers, residues from industrial activity, sludges from wastewater treatment plants.



€ 616 excl. VAT - total amount for 2 tests (excluding transport costs)

49 participants in 2023 - EXPERIENCE > 20 YEARS

Parameters to analyse (implemented in at least one proficiency test)	Bottle		Number of measurements per parameter and per bottle
	Volume	Number	
24M51.1 - Waste - sent in May 2024			
conductivity, dry matter, dry residue at 105°C of the eluate, pH, soluble fraction, total organic carbon (TOC), unburned rate at 500°C As, Cd, Cr, Cu, Ni, Pb, Zn, Cl ⁻ , F ⁻ , SO ₄ ²⁻	around 125 g	2	1
24M51.2 - Waste - sent in October 2024			
conductivity, dry matter, dry residue at 105°C of the eluate, pH, soluble fraction, total organic carbon (TOC), unburned rate at 500°C As, Ba, Cd, Cr, Cu, Mo, Ni, Pb, Sb, Se, Zn, Cl ⁻ , F ⁻ , SO ₄ ²⁻	around 125 g	2	1

PARTICULARITIES

Technical constraints linked to the supply of contaminated waste have forced us to modify the test design and the parameters provided (Cr⁺⁶ and Hg have been removed). If you have access to contaminated waste, please contact us at contact@association-aglae.fr.

LIMITED QUANTITY

The number of participants for the proficiency tests in solid matrices is limited. Registrations are possible within the limits of available samples. Register quickly.

Leaching of the provided waste to be carried out with a ratio L/S=10 (L/kg) and contact duration of 24h.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

conductivity, dry matter, dry residue at 105°C of the eluate, soluble fraction, pH, total organic carbon (TOC), unburned rate at 500°C As, Ba, Cd, Cr, Cu, Mo, Ni, Pb, Sb, Se, Zn, Cl ⁻ , F ⁻ , SO ₄ ²⁻	D ₀ +24
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D₀: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)