



Guide for sample handling – Soil

General recommendations: Store samples cool and dark. Send to the laboratory without delay.

Compound/Group of compounds	Sample volume ¹	Sample container	Remarks
dioxins	125 g DW	Glass, teflon lined screw cap	Protect from light
metals	1 g DW ³	Plastic jar or plastic bag	Refrigeration not needed. See "Samples for metal analysis"
oil	50 g DW	Glass, teflon lined screw cap or diffusion-tight plastic bag	Keep cold. Varying content of volatile compounds, see also volatiles (VOC)
PAH	50 g DW	Glass, teflon lined screw cap or diffusion-tight plastic bag	Protect from light. Avoid plastic or rubber in contact with the sample.
PCB	50 g DW	Glass, teflon lined screw cap or diffusion-tight plastic bag	Protect from light. Avoid plastic in contact with the sample.
pesticides	50 g DW	Glass, teflon lined screw cap or diffusion-tight plastic bag	Protect from light
phenols, phenol index	50 g DW	Glass, teflon lined screw cap or diffusion-tight plastic bag	
phthalates	50 g DW	Glass, teflon lined screw cap or diffusion-tight plastic bag	Avoid plastic in contact with the sample.
semivolatiles	50 g DW	Glass, teflon lined screw cap	Should be top-filled. No soil on the jar edge or screwthreads!
volatiles (VOC)	50 g DW	Glass, teflon lined screw cap	Must be top filled (no air left). No soil on the jar edge or screwthreads! Refrigerate and send with ice packs ²

¹ DW=dry weight. Normally the double amount of dry soil is sufficient. A larger amount is required when the water content is high.

² can be ordered from ALS Scandinavia

³ 5 g DW for package MG-1

Compound/Group of compounds	Treat like
alkylbenzenes	volatiles
AOX, EOX	semivolatiles
brominated aliphatics	volatiles
brominated flame retardants	pesticides
BTEXN	volatiles
cyanide	pesticides
EGOM	oil
phenoxy alkanolic acids	pesticides
chlorobenzenes	volatiles
chlorinated aliphatics	volatiles

Compound/Group of compounds	Treat like
chlorophenols	semivolatiles
MTBE	volatiles
nonylphenols, -ethoxylates	phenols
Petrolpack	oil
organotin and organolead compounds	pesticides