

Packaging materials

ALcontrol Laboratories provides you with sample jars, sample bottles and other packaging materials. For quality reasons, ALcontrol Laboratories supplies standard (preserved) glasswork. The table at the back of this leaflet contains a list of analyses and the glasswork to be used. The list is based on the current standards (SIKB Protocol 3001, based on NEN-EN-ISO 5667-3). An important aspect is that, therefore, samples taken for the purposes of metal analysis in the field must be filtered and acidified. From the viewpoint of quality, on delivery, deviations from the indicated guideline will be listed on the certificate.



Packaging materials ALcontrol Laboratories

Crates

ALcontrol Laboratories provides special crates for a smooth transfer and processing of your packaging materials. On request, special nets are also provided for the packaging of bottles. This will prevent the bottles from breaking during transport.

Barcodes are affixed to all crates. They are scanned by the couriers when the samples are picked up. In this way, when the crates are accepted at the laboratory, it is known precisely which crates come from which clients.

“Trace and tracking”

To support efficient fieldwork, the sample jars and bottles are always provided with a unique, water-resistant barcode sticker. All client information and project data are linked directly to the barcode. The barcodes enable us to know all locations of the jars and bottles. By scanning a barcode, an analyst at the laboratory knows immediately which analysis must be carried out on the sample. This means that there is much less chance of errors and loss of samples.

As early as in the field, the barcodes can be linked to the various fieldwork systems. In this way, efficient work can be done both in the field and in the laboratory.

Supply of packaging materials

ALcontrol Laboratories provides packaging materials for its clients; these packaging materials are distributed through three channels, namely:

- delivery to your business location (large quantities)
- delivery by courier (limited quantities of glasswork (a few boxes))
- delivery via depots (limited quantities of glasswork (up to approx. 10 boxes))

At the back side of this leaflet an overview is shown of the most requested analysis and the correct packaging material. Furthermore an overview is shown of the different available packaging materials.

For more information about ALcontrol Laboratories, please contact our Customer Support department.

Parameter	Package	Min. quantity	Combination
Acetates	ALC237	100 ml	
Degradation suite extended	2 vials + ALC236	2x40 ml + 100ml	
Degradation suite limited	2 vials	2x 40 ml	
Alcohols	ALC237	100 ml	
Alcalinity	ALC207	100 ml	
Alkylphenols	ALC236	100 ml	
Ammonia (NH4)	ALC244+ALC207	100 ml	
Ammonia free (NH3)	ALC244	100 ml	
Aniline	ALC237	100 ml	
AOX	ALC288	500 ml	
Biphenyl/Biphenylether	ALC237	500 ml	
Sediment volume	ALC227 (2x)	1000 ml	
Bicarbonate (HCO3)	ALC208	500 ml	B
Borium	ALC204	100 ml	
Bromide	ALC207	100 ml	J
BTEX(N)	ALC236	100 ml	C
BOD	ALC208	500 ml	
Carbonate (CO3)	ALC208	500 ml	B
Chloroaniline	ALC237	100 ml	
Chlorobenzenes (> tri)	ALC237	100 ml	
Chlorobenzenes (mono + di)	ALC236	100 ml	
Chloropesticides	ALC237	100 ml	
Chlorophenols	ALC236	100 ml	
Chloride	ALC207	100 ml	D
Volatile Hydrocarbons	ALC236	100 ml	C
Cr6+	ALC207	100 ml	
Cyanide	ALC231	100 ml	
COD	ALC281	500 ml	A
Detergents (anionic)	ALC207	100 ml	
DOC	ALC230	100 ml	I
EC (Conductivity)	ALC207	100 ml	E
EOX	ALC227	500 ml	
Fe2+	ALC270	100 ml	G
Fe totaal	ALC247	100 ml	
Phenols	ALC236	100 ml	
Phenol-index	ALC232	100 ml	
Fluoride	ALC207	100 ml	J
Formaldehyde qualitative	ALC207	100 ml	
Formaldehyde quantitative	ALC237	100 ml	
Phosphate total	ALC281	500 ml	A
Phosphoric pesticides	ALC237	100 ml	
Freons	ALC236	100 ml	
Ftalats	ALC237	100 ml	
GC/MS non volatile	ALC237+ALC236	500 ml	
GC/MS volatile	ALC236	100 ml	
Glycols	ALC237	100 ml	
Hardness	ALC204 of ALC270	100 ml	
Hexane,heptane, octane	ALC236	100 ml	
Evaporation residue	ALC227	500 ml	
Ketons	ALC237	100 ml	
Carbondioxide free	ALC207	100 ml	
Metals Standard	ALC204	100 ml	H
Methane, Ethene, Ethane	40 ml vials on request	2x 40 ml	
Mn2+	ALC270	100 ml	G
Mn total	ALC247	100 ml	
MTBE (methyl tertair butylether)	ALC236	100 ml	
Nitrate (NO4)	ALC207	100 ml	D
Nitrit (NO3)	ALC207	100 ml	D
NKJ	ALC281	500 ml	A
OCP's	ALC237	100 ml	F
Oil GC(FID)	ALC236	100 ml	
Oil IR	ALC285	500 ml	
Oil volatile	ALC236	100 ml	
Oil characterisation	ALC227 (2x)	1000 ml	
Total mass	ALC227 (2x)	1000 ml	
Ortho-phosphate	ALC207	100 ml	D
Organotin	ALC227	500 ml	
PAH	ALC237	100 ml	
PCP	ALC237	100 ml	F
Permanganate usage	ALC227	500 ml	
pH	ALC207	100 ml	E
Polair solvents	ALC237	100 ml	
Pyridine	ALC237	100 ml	
Redoxpotential	ALC207	100 ml	
Silicium	ALC204	100 ml	H
ONP	ALC237	100 ml	

Parameter	Package	Min. quantity	Combination
ONP	ALC237	100 ml	
Sulphate	ALC207	100 ml	D
Sulphite total	ALC284	100 ml	
Sulphite free	ALC207	100 ml	
Sulphite	ALC207	100 ml	
THF / THT	ALC236	100 ml	
TOC	ALC230	100 ml	I
TIC	ALC237	100 ml	
Fats and oils	ALC285 (filled at 65% max)	500 ml	
Volatile fatty acids	ALC207	100 ml	
VOX	ALC236	100 ml	
Oxigen (O2)	ALC227	500 ml	
Sulphur total	ALC247	100 ml	

Parameter	Package	Minimum quantity
Packages groundwater		
STAPW pakkage	ALC204 + 2x ALC236	3x 100 ml
Soil2Control (water)	ALC204 + 2x ALC236 + 2x ALC237	5x 100 ml
Aromatic/alifatic split	2x ALC236 + ALC285	2x 100 ml + 1x 500 ml
Soils		
AS3000- soil analysis	ALC201	500 gram
Routine soil analysis	ALC201	400 gram
AS3000- sludge analysis	2x ALC264	800gram
Routine sludge analysis	2x ALC264	800 gram
AP04-analysis (buildingmaterials)	ALC291	9 KG
Leaching test (column test)	2x ALC264	1000 gram
Asbest analyses		
Soil and rubble suspected samples	ALC295	> 9 kg
Soil and rubble, 500g method	ALC264	500 gram
Material	ALC299	5 x 5 cm
Dust samples	ALC298	

Package	Description	Preservation / remark
Groudwater and wastewater		
ALC204 GRW filtration in the field!	100 ml PE (bottle)	HNO3
ALC207	100 ml PE (bottle)	No preservation
ALC230	100 ml brown glass (bottle, red lit + inlay)	H2SO4
ALC231 Filtration in the field!	100 ml brown glass (bottle)	NaOH
ALC232	100 ml white glass (bottle)	H3PO4 + CuSO4
ALC236	100 ml brown glass (bottle)	H2SO4
ALC237	100 ml brown glass (bottle)	No preservation
ALC244 Filtration in the field!	100 ml PE (bottle, white lit)	H2SO4
ALC247 No filtration	100 ml (bottle, blue lit)	HNO3
ALC270	100 ml white glass (bottle)	HCL
ALC284	500 ml PE-bottle (wide opening)	Zincacetaat
ALC227	500 ml green glass (bottle)	No preservation
ALC281	500 ml PE-bottle (wide opening)	H2SO4
ALC208	500 ml PE-bottle (wide opening)	No preservation
ALC285	500 ml green glass	H2SO4
ALU288	500 ml green glass (bottle)	HNO3
Soil and Sludge		
ALC201	258 ml brown jar	n.a.
ALC210	258 ml brown jar with inlay	n.a.
ALC264	720 ml white jar with inlay	n.a.
AP04 / Soil and Buildingmaterials / Asphalt * (only for Asphalt)		
ALC291 *	Bucket 7,5 liter	n.a.
ALC292 *	Bucket 1,8 liter	n.a.
ALC293	Bucket 10 liter	n.a.
Asbestos (for delivery conditions please contact Customer Support)		
ALC299	Dubble plastic bag (12 cm x 20 cm)	n.a.
ALC298	Dubble plastic bag (12 cm x 20 cm) incl. black tape (5 cm x 30 cm)	n.a.
ALC292	Bucket 1,8 liter	n.a.
ALC295	Bucket 7,5 liter with red lit	n.a.
	Red lit for 10 liter bucket	n.a.
	"Asbestos stickers" for asbestos suspected and/or asbestos suspected samples	n.a.