

Analysis Normec Groen Agro Control

For prices please contact our product specialists

	code	matrix	min quantity
Main and trace elements water			
Standard (horticultural customers)	EDS	Water	50 ml
Standard + hardness	EDH	Water	50 ml
Standard + urea	EDU	Water, soil	50 ml
Spring water incl. Fe	EWF	Water	50 ml
Nitrite	ENI	Water	50 ml
Extra charge for special samples (such as additional pre-processing, pH <3 or >12, EC>10 etc.)	Will be in FM with tick arranged		
Main and trace elements soil (1:2 v/v)			
Standard	ESG	Soil	250 ml
Main and trace elements venous substrates (1:1½ v/v)			
Extraction with water	ESK	Coconut/peat	250 ml
Extraction with water (ESK) and BaCl ₂	REK	Water, soil	2 L
Main and trace elements venous substrates (1:5 v/v)			
Extraction with water	ESV	Soil	5L
Extraction with water and CAT	ESC	Soil	5L
Juice analysis, Elements			
	EPS	Plant juice	100 g
Crop analysis			
Destruction, Elements, Ntot	EGT	Plant	50 g fresh material
Destruction, Elements, Ntot, Cl (Cl in verse)	EGC	Plant	50 g fresh material
Dry matter and organic matter (annealing method)	EDO	Plant parts	100 g fresh material
Other			
Fertilizer head and trace elements	EMS	Fertilizers	50 ml/gram

	code	matrix	min quantity
Standard survey			
pH-KCl, organic matter, phosphate (Pw number), potassium, magnesium	ABK	Soil	500g
pH-KCl, organic matter, phosphate (Pw number, P-Al), potassium, magnesium, sodium and trace elements (= copper, manganese and boron)	ABS	Soil	500 g
SLIB determination of siltability, lutum	ASL	Soil	
Carbonated lime	AKK	Soil	
SPURWAY analysis: pH, o.s.%, nitrogen (nitrate-N, ammonium-N), phosphate, potassium, magnesium, sulphur, calcium, manganese, zinc, iron boron, copper, molybdenum, sodium, chloride	ASP	Soil	1 litre
Agriculture			
P-PAE, P-Al (phosphate differentiation)	AB0	Soil	
P-PAE, P-Al and NLV (Derogation)	AB1	Soil	
Standard tests: phosphate, potassium, NLV, magnesium,	AB2	Soil	
standard research + trace elements (= zinc , manganese,	AB3	Soil	
standard examination+ CEC	AB5	Soil	
standard test + trace elements + CEC	AB6	Soil	
Grassland			
P-Al, P-PAE (Phosphate differentiation)	AG0	Soil	
P-Al, P-PAE and NLV (Derogation)	AG1	Soil	
Standard examination: phosphate, potassium, magnesium, sodium, sulphur, pH, o.s.	AG2	Soil	
Standard research + trace elements (= zinc , manganese, copper, boron, iron, molybdenum and cobalt)	AG3	Soil	

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Compost			
Compost limited package; ds, Ntot, Ptot	ACB	Compost	
Compost nutrient package; ds, Ntot, Ptot, os, K, Na, Mg, Ca, S, pH, EC	ACN	Compost	
Compost complete package; ds, Ntot, Ptot, os, K, Na, Mg, Ca, S, pH, EC and heavy metals	ACD	Compost	
Other			
Tree soil limited (pH, Ntot, K-HCl, Mg NaCl, carbonic acid lime, P-AL, o.s., Lutum, C/N, C)	EBB	Soil	
Tree soil comprehensive (pH, Ntot, K-HCl, Mg NaCl, carbonic lime, P-AL, o.s., Lutum, C/N, C, Cl, d.s., sieve fraction, Siltability)	EBV	Soil	
Tree soil manual (pH, Ntot, P-AL, carbonic lime, Cl, EC, Ca, K-CAT, Mg-CAT, o.s., moisture, lutum)	EBV	Soil	
Tree soil extra (pH, Ntot, P-AL, carbonic lime, Cl, EC, Ca, HCO ₃ , K-CAT, Mg-CAT, o.s., Moisture, M50, D60/D10, Lutum, respiration)	EBR	Soil	
Leaf stem testing (nitrate)	END	Crop	40 stems (potato) 30 stems (Brussels sprouts)
Hot Water Extractable Carbon	AHC		
Heavy metals			
Water [µg/litre] (Al, Ba, Cd, Co, Cr, Ni, Pb, Cu, Zn)	EWV	Water	500ml
Vegetables, Fruit, Food (As, Pb, Cd, Cu, Hg)	EZG	Fresh Produce, plant parts, foodstuffs	500 grams
Baby food (low detection limits)	EZL	(Baby) feeding	500 grams
Crop	EZB	Crop	
Ground	EZS	Soil	250 ml
Physical parameters			
Unresolved components	EBP	Water	1 L
Transmission (254 nm)	ETR	Water	250 ml
Turbidity	ETH	Water	250 ml

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Fruit and vegetables			
GC/LC Screening GC-MSMS and LC-MS/MS	BST	Fresh Produce	
GC-MSMS Screening (Analysis list see annex)	BGS	Fresh Produce	
LC-MS/MS Screening (Analysis list see annex)	BLS	Fresh Produce	
Determination of 1 or 2 components GC	BGG	Fresh Produce	
Determination of 1 or 2 component LC	BLL	Fresh Produce	
Baby food GC/LC low LOD	BBV	Fresh Produce and baby food	
Water or ornamental plant			
GC/LC Screening GC-MSMS and LC-MS/MS	BSW	Water	1 litre
Screening other			
GC/LC Screening GC-MSMS and LC-MS/MS	BSI	Tea	200 grams
GC/LC Screening GC-MSMS and LC-MS/MS	BGR	Cereals	1 kilogram
GC/LC Screening GC-MSMS and LC-MS/MS	BCA	Cocoa	200 grams
GC/LC Screening GC-MSMS and LC-MS/MS	BSA	Products of animal origin	200 grams
GC/LC Screening GC-MSMS and LC-MS/MS	BSZ	Soil and substrates	200 grams
GC/LC Screening GC-MSMS and LC-MS/MS	BSO	Other	200 grams
GC/LC Screening GC-MSMS and LC-MS/MS	BSV	Oil-containing matrices	500 grams
Pure pesticides, contamination with GC/LC-screening or content determination	BPB	Pure pesticides	50 g/ml
Herbicides and growth inhibitors			
Herbicides complete (GC/LC screening + phenoxyacetic acids + extended herbicide package)	BSH	Crop, soil	
Herbicides complete (GC/LC screening + phenoxyacetic acids + expanded herbicide package) in Cannabis	BSH	Cannabis	

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Phenoxyacetic acids	BLF	Crop, soil, water	
Pyridine herbicide	BHP	Crop, soil	
Daminozide	BLD	Fresh Produce, crop, soil, water	
Chlormequat + Mepiquat	BLC	Crop, soil, water	
Diquat and Paraquat	BLP	Crop, soil, water	
Glyphosate, Glufosinate, AMPA	BGL	Crop, soil, water	
Other plant protection products			
Dithiocarbamates (CS2)	BGD	Crop, soil, water	
Ethefon (LC-MSMS)	BLE	Crop, soil, water	
Amines (Morpholine, Diethanolamine, Triethanolamine)	BAM	Crop, water	
Perchlorate, chlorate (edible part product is whole product, or product outside EU)	BPC	Crop	
Chlorate	BCC	Crop	
Perchlorate (on edible part)	BPP	Crop	
Quaternary Ammonium compounds (DDAC/BAC)	BQA	Crop, water	
Bromide	BBR	Crop, soil, water	100g, 250ml
Nitrate	BNA	Fresh Produce	
Nitrite (+ possibly nitrate low)	BNI	Fresh Produce	
Phosethyl-aluminium + phosphoric acid	BFA	Crop	
Maleic hydrazide	BLM	Crop	
Ethylene oxide + 2-chloro-ethanol		Foods and capsules	
Hormones			
Benzyladenine	BZA	Plant parts	250 grams, 10 leaves
Other			
Sulphite in fruit and vegetables (distillation)	BSS	Plant material	

	code	matrix	min quantity
Mycotoxins			
Mycotoxins screening	BMS	Grain and fruit	100 g
1 per sample	BMA	Grain and fruit	100 g
2 per sample	BMT	Grain and fruit	100 g
Patulin	BPA	Fresh Produce and apple products	100 g
Organic acids (extensive)			
Screening: Citric acid, lactic acid, acetic acid, propionic acid, butyric acid, oxalic acid, formic acid, malic acid succinic acid	COT	Fruit juice, sauces, Fresh Produce	100g
Sorbic acid, benzoic acid	CBS	Fruit juice, sauces, Fresh Produce	100g
Sugars			
glucose, fructose, lactose, sucrose, maltose	CSU	Food product, crop, water	cf rule
Vitamins			
Vitamin C	CCV	Fruits, foods	50-100 g
Vitamin B1, B2, B3, B5, B6, B8	CTV	Fruits, foods	100 g
Vitamin B, 1 component (internal)	CVB	Fruits, foods	100 g
Vitamin B, 2 components (internal)	CVC	Fruits, foods	100 g
Nutritional values			
Nutritional value small package (big 4): Moisture, fat, ash, protein	CVK	Food	250 g
Nutritional value large package (Big 8): Moisture, ash, fat, fatty acids, sugars, protein, sodium, fibre, energetic value	CVG	Food	250 g
Other			
Lycopene	CLY	Fresh Produce, ketchup etc.	cf rule
Acrylamide	BAA	Food	100g fresh

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AW value	CAW	Food	250 g
Antibiotics, group quinolones+tetracyclines	BAT	Food	250 g
Antibiotics, group of amphenicols	BAX	Food	250 g
Cannabinoids (THC + CBD) determination levels of CBD, CBDA, CBN, delta9-THC, delta8-THC, THCA	CBD	Foods, Cannabis	100 gr/ml fresh / 20gr dried
PFAS	BPV	Food	250 grams
PFAS	BPG	Soil	250 grams
PFAS	BPW	Water	100 ml
Histamine	CHS	Food	100 g

	code	matrix	desired amount
DNA check and other DNA determinations			
DNAcheckA strawberry	MDA	Water, plant, substrate	250ml
DNAcheckChrysanthemum	MDC	Water, plant, substrate	250ml
DNAcheckRaspberry	MDF	Water, plant, substrate	250ml
DNA checkGerbera	MDG	Water, plant, substrate	250ml
DNAcheckCucumber	MDK	Water, plant, substrate	250ml
DNAcheckLisianthus	MDL	Water, plant, substrate	250ml
DNAcheckAnthurium	MDN	Water, plant, substrate	250ml
DNAcheckPaprika	MDP	Water, plant, substrate	250ml
DNAcheckPhalaenopsis	MDH	Water, plant, substrate	250ml
DNAcheckRoos	MDR	Water, plant, substrate	250ml
DNAcheck Tomato	MDT	Water, plant, substrate	250ml
DNAcheck Tomato+Clavibacter	MTC	Water, plant, substrate	250g 250 ml
DNA check 1 pathogen	MDE	Water, plant, substrate	250 ml
Root thickening bacteria	MDD	Water, carrot	250ml
Clavibacter direct	MCD	Water, plant, substrate	250 ml, 8 stalks
Accumulation of Clavibacter	MOC	Water, plant, substrate	250ml, 8 stem pieces
Seed control Clavibacter	MOZ	Seed	250 seeds
Agrobacterium direct	MAD	Water, plant, substrate	250 ml, 10 carrot sticks
Accumulation of Agrobacterium	MOA	Water, plant, substrate	250ml, 10 carrot sticks
Agrobacterium quantitative	MAK	Roots, pieces of wood	250 ml, 10 carrot sticks
Leucocoprinus analysis	MLD	Potting soil	500 grams
Erwinia accumulation	MOE	Water, plant, substrate	100 g, 250 ml
Verticillium DNA	MVD	Water, plant, substrate	250 grams
Ralstonia solanacearum - Bio PCR-max200	MMR	Rose stalk	200 pieces
Ralstonia solanacearum - Bio PCR-max25	MOR	Rose stalk	25 units
Pepino mosaic virus strain determination	MST	Crop	25 grams, 25 leaves
Virus determination with real-time PCR	MRT	Crop	
Virus/ viroid precipitation	MPR	Crop	
Viroiden			
Chrysanthemum viroid	MRD	Plant	25 grams, 25 leaves
Viroid variable	MRV	Plant	25 grams, 25 leaves
Virus ELISA			
Virus package variable (elisa)	MVV	Crop	25 grams, 25 leaves
Tomato virus package	MVT	Crop	25 grams, 25 leaves
Virus pack pepper	MVP	Crop	25 grams, 25 leaves
Virus package cucumber	MVK	Crop	25 grams, 25 leaves
Pepino mosaic virus		Crop	25 grams, 25 leaves
Plate surveys			
Micro Fusarium single flower	MFE	Sweet pepper flower	1 flower
Micro Fusarium mix 10 flowers	MFM	Sweet pepper flower	10 flowers
Germ count bacteria and fungi & yeasts	MKG	Water	250ml
Germ count bacteria and fungi & yeasts incl. PP +	MSB	Water	250 ml
Germ count bacteria and fungi & yeasts incl. PP +	MSP	Water	250 ml
Plates for 1 pathogenic fungus/bacteria	MUE	Water, plant	250ml

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Aerobic germ count/g	MHB	Food	200grams (5 pieces), 250ml
Alicyclobacillus	MAL	Food	200grams (5 pieces), 250ml
Bacillus cereus/ g	MHH	Food	200grams (5 pieces), 250ml
Campylobacter/25g	MHN	Food	200grams (5 pieces), 250ml
Coliforms/g	MHF	Food	200grams (5 pieces), 250ml
E.coli O157:H7/25g	MHO	Food	200grams (5 pieces), 250ml
E.coli/g	MHE	Food	200grams (5 pieces), 250ml
Enterobacteriaceae/g	MHG	Food	200grams (5 pieces), 250ml
Listeria monocytogenes/25g	MHL	Food	200grams (5 pieces), 250ml
Lactic acid bacteria	MHU	Food	200grams (5 pieces), 250ml
Salmonella	MHS	Food	200grams (5 pieces), 250ml
Fungi & yeasts/g *1	MHC	Food	200grams (5 pieces), 250ml
Shigella spp. /25g	MHZ	Food	200grams (5 pieces), 250ml
Staphylococcus aureus/g	MHD	Food	200grams (5 pieces), 250ml
EHEC (STEC) / 25g	MHP	Food	200grams (5 pieces), 250ml