

Analysis Possibilities

Code	Analysis type	Analysis	Principle / technique	Method
159	EXT	Dioxin	GC-HRMS	In-house method
252	EXT	Dioxin-like PCB's	GC-HRMS	In-house method
264	EXT	GMO	PCR	In-house method
062	FC	Acidity	Ion-selection	In-house method
104	FC	Ammonia (NH ₃)	Titrimetry	GAFTA 8:0
724	FC	Ascorbic acid	Titrimetry	Warenwet CII-18:6
005	FC	Ash	Gravimetry	EC152/2009 annex III-M ISO 5984 GAFTA 12:0 ISO 936
006	FC	Ash (insoluble in 3M HCl)	Gravimetry	EC152/2009 annex III-N ISO 5985 GAFTA 13:0
151	FC	Ash in cereals (900°C)	Gravimetry	NEN 1335
773	FC	A _w -value (wateractivity)	Novosina	In-house method
725	FC	Carbohydrates (enzymatic)	Titrimetry	In-house method
121	FC	Chlorine (Cl, method Volhard)	Titrimetry	EC152/2009 annex III-Q ISO 1841
114	FC	Dietary fiber, total	Gravimetry	AOAC 985.29
103	FC	Energetic value	Calculation	In-house method
025	FC	Fallingnumber	Viscosimetry	NEN 5395 ISO 3093
053	FC	Fat (after hydrolysis)	Gravimetry	EC152/2009 annex III-H
052	FC	Fat (petroleum etherextraction)	Gravimetry	EC152/2009 annex III-H GAFTA 3:0
130	FC	Federnumber excl. starch	Calculation	In-house method
129	FC	Federnumber incl. starch	Calculation	In-house method
022	FC	Fluorin (F)	Ion-selection	In-house method
237	FC	Gossypol, free and totall	Spectrofotometry	ISO 6866
335	FC	Hectoliterweight (20-litrescale)	Gravimetry	71/347/EC
050	FC	Invert sugar (Lane-Eynon)	Titrimetry	United Molasses
046	FC	Invert sugar (Luff-Schoorl)	Titrimetry	United Molasses
023	FC	Lactose	Titrimetry	EC152/2009 annex III-J NEN 3571 GAFTA 11:6
054	FC	Moisture	Gravimetry	EC152/2009 annex III-A ISO 6496 GAFTA 2:1 ISO 1442
326	FC	Moisture (cereals)	Gravimetry	NEN 3090 EC152/2009 annex III-A ISO 712 GAFTA 2:1
336	FC	Moisture (maze)	Gravimetry	NEN 3090 EC152/2009 annex III-A ISO 712 GAFTA 2:1
105	FC	Moisture (oleaginous seeds)	Gravimetry	ISO 665
135	FC	Moisture (on sand)	Gravimetry	In-house method
056	FC	Moisture (vacuum method)	Gravimetry	United Molasses GAFTA 2:4
055	FC	Moisture (with preconditioning)	Gravimetry	EC152/2009 annex III-A ISO 6496 GAFTA 2:1 ISO 1442
327	FC	Moisture (with preconditioning, cereals)	Gravimetry	NEN 3090 EC152/2009 annex III-A ISO 712 GAFTA 2:2
329	FC	Natural weight (1-litrescale)	Gravimetry	In-house method ISO 7971-2 GAFTA 32:0

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328	FC	Natural weight (20-litrescale)	Gravimetry	71/347/EC
039	FC	Oil content (large seeds)	Gravimetry	ISO 659 FOSFA; NOFOTA
038	FC	Oil content (small seeds)	Gravimetry	ISO 659 FOSFA; NOFOTA
016	FC	Oil content (soybeans)	Gravimetry	ISO 659 FOSFA; NOFOTA
221	FC	Pen – G Residue	Spectrofotometry	Delvotest
136	FC	pH	Ion-selection	In-house method
014	FC	Protein	Titrimetry	EC152/2009 annex III-C GAFTA 4:0 ISO 937 ISO 5983 ISO 5396
015	FC	Protein (digestible raw)	Titrimetry	VVR Bundel WM3-b.1 GAFTA 5:1
013	FC	Protein (dispersibility index)	Titrimetry	AOCS Ba 10-65
084	FC	Raw Fibre (EC method)	Gravimetry	EC152/2009 annex III-I ISO 6885
011	FC	Raw Fibre (GAFTA method)	Gravimetry	GAFTA 10:0
088	FC	Raw fibre (hot-hexane method)	Gravimetry	In-house method
122	FC	Salt (NaCl, method Volhard)	Titrimetry	EC152/2009 annex III-Q ISO 1841
058	FC	Sand (EC-method)	Gravimetry	EC152/2009 annex III-N
075	FC	Sand only	Gravimetry	GAFTA 14:0
057	FC	Sand/silica (GAFTA-method)	Gravimetry	GAFTA 13:0
060	FC	Starch (enzymatic)	Polarimetry	ISO 15914
059	FC	Starch (polarimetry)	Polarimetry	EC152/2009 annex III-L GAFTA 28:1
361	FC	Starch in meat	Polarimetry	Warenwet CII-25
049	FC	Succrose (Lane-Eynon)	Titrimetry	United Molasses
045	FC	Succrose (Luff-Schoorl)	Titrimetry	United Molasses
134	FC	Sulfite (distillation method)	Titrimetry	NEN 1988-1
048	FC	Total sugar (Lane-Eynon)	Titrimetry	United Molasses
047	FC	Total sugar (Luff-Schoorl)	Titrimetry	United Molasses GAFTA 11:1
102	FC	Trypsine inhibitor	Spectrofotometry	ISO 14902
051	FC	Urease-activity	Titrimetry	71/250/EC
003	IL	Aflatoxin B ₁ (EC-method)	HPLC	92/95/EG GAFTA 24:0
002	IL	Aflatoxin B ₁ (HPLC method)	HPLC	In-house method
004	IL	Aflatoxin B ₁ , B ₂ , G ₁ en G ₂	HPLC	In-house method
142	IL	Aluminium (Al)	AAS-oven	In-house method
222	IL	An-ions (chlorine/sulfate/ nitrite/nitrate)	HPLC	ISO 10431
008	IL	Arsenic (As)	AAS-cold vapor	In-house method
223	IL	Benzo(a)pyreen	HPLC	ISO 10431
132	IL	Benzoic acid / Sorbic acid	HPLC	In-house method
097	IL	Betaine	Spectrofotometry	AOAC 970.41
017	IL	Cadmium (Cd)	AAS-oven	In-house method
009	IL	Calcium (Ca)	AAS-flame	VVR bundel WM12
095	IL	Calciumcarbonate (CaCO ₃)	AAS-flame	In-house method
166	IL	Cholesterol	GC-FID	ISO 12228
117	IL	Chromium (Cr)	AAS-flame	In-house method
118	IL	Chromium (Cr)	AAS-oven	In-house method
111	IL	Cobalt (Co)	AAS-flame	VVR bundel WM12
112	IL	Cobalt (Co)	AAS-oven	In-house method
037	IL	Collagencontents	Spectrofotometry	ISO 3496
032	IL	Copper (Cu)	AAS-oven	In-house method
106	IL	Copper (Cu)	AAS-flame	VVR bundel WM12

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042	IL	DON	HPLC	VVR bundel OSP 19.1
018	IL	Eric acid	GC-FID	ISO 5508/ ISO 5509
173	IL	Fatty acid composition	GC-FID	ISO 5508/ISO 5509
268	IL	Fatty acid composition including trans-fatty acids)	GC-FID	ISO 5508/ ISO 5509
222	IL	Fosfate (an-ions)	HPLC	ISO 10431
262	IL	Fumonisin	HPLC	VVR bundel OSP 19.1
070	IL	Glucosinolate	HPLC	90/1864/EG ISO 9167
074	IL	Hydroxyprolinecontent	Spectrofotometry	ISO 3496
033	IL	Iron (Fe)	AAS-oven	In-house method
044	IL	Iron (Fe)	AAS-flame	VVR bundel WM12
063	IL	Lead (Pb)	AAS-oven	In-house method
034	IL	Magnesium (Mg)	AAS-flame	VVR bundel WM12
064	IL	Manganese (Mn)	AAS-flame	VVR bundel WM12
068	IL	Mercury (Hg)	AAS-cold vapor	VVR bundel OSP5
224	IL	Mineral oils	GC-FID	In-house method
141	IL	Molybdenium (Mo)	AAS-oven	In-house method
119	IL	Nickel (Ni)	AAS-flame	In-house method
120	IL	Nickel (Ni)	AAS-oven	In-house method
222	IL	Nitrate (an-ions)	HPLC	ISO 10431
222	IL	Nitrite (an-ions)	HPLC	ISO 10431
345	IL	Ochratoxin A	HPLC	VVR bundel OSP 19.1
206	IL	PAH	GC-ECD	In-house method
026	IL	PCBs	GC-ECD	NEN 1528
083	IL	Pesticides – organochlor	GC-ECD	NEN 1528
256	IL	Pesticides – organochlor	GC-MS	In-house method
257	IL	Pesticides – organonitrogen	GC-MS	In-house method
082	IL	Pesticides – organophosphorus	GC-NPD	In-house method
255	IL	Pesticides – organophosphorus	GC-MS	In-house method
258	IL	Pesticides – pyrethroids	GC-MS	In-house method
021	IL	Phosphoros (P)	Spectrofotometry	EC152/2009 annex III-P
207	IL	Polymerised triglycerides (DPTG)	HPLC	ISO 16931
029	IL	Potassium (K)	AAS-flame	VVR bundel WM12
113	IL	Selenium (Se)	AAS-oven	In-house method
030	IL	Sodium (Na)	AAS-flame	VVR bundel WM12
133	IL	Sorbic acid / Benzoic acid	HPLC	In-house method
222	IL	Sulfate (an-ion)	HPLC	ISO 10431
138	IL	Tin (Sn)	AAS-oven	In-house method
043	IL	Zearalenon	HPLC	VVR bundel OSP 19.1
066	IL	Zinck (Zn)	AAS-flame	VVR bundel WM12
123	MB	Aerobic plate count (Mesophilic)	Colony count	ISO 4833
751	MB	Aerobic plate count (Thermophilic)	Colony count	In-house method
734	MB	Aerobic plate count 22°C	Colony count	ISO 6222
735	MB	Aerobic plate count 36°C	Colony count	ISO 6222
766	MB	Aerobic plate count non-lactica	Colony count	In-house method
702	MB	Anaerobic plate count	Colony count	In-house method
144	MB	Bacillus cereus	Colony count	ISO 7932
792	MB	Campylobacter spp	Presence/absence	ISO 10272
146	MB	Clostridium perfringens	Colony count	ISO 7937
738	MB	Coliforms	Membrane filtration	ISO 9308-1
727	MB	Coliforms	Presence/absence	ISO 4831
705	MB	Coliforms (Colony count)	Colony count	ISO 4832
706	MB	Determination fungi	Microscopy	In-house method
125	MB	E.coli	Presence/absence	ISO 7251
720	MB	E.coli (Colony count)	Colony count	ISO 16649-2
124	MB	Enterobacteriaceae	Colony count	ISO 21528-2
739	MB	Enterococci	Membrane filtration	ISO 7899-2
722	MB	Faecal Coliforms	Colony count	In-house method

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708	MB	Faecal Streptococci	Colony count	NEN 6817
740	MB	Fall-out plates and contact prints	Colony count	In-house method
776	MB	Gas measurement (O ₂ en CO ₂)	Analyser	In-house method
716	MB	Lactic acid bacteria	Colony count	ISO 15214
709	MB	Lactobacillus	Colony count	NEN 6815
710	MB	Legionella	Membrane filtration	NEN 6265
145	MB	Lipolytic micro-organism	Colony count	IDF 41
778	MB	Listeria monocytogenes	Presence/absence	ISO 11290-1
798	MB	Listeria monocytogenes	Colony count	ISO 11290-2
796	MB	Listeria spp	Presence/absence	ISO 11290-1
775	MB	Listeria spp	Colony count	ISO 11290-2
789	MB	Mesophilic aerobic bacteria spores	Colony count	In-house method
790	MB	Mesophilic anaerobic bacteria spores	Colony count	In-house method
795	MB	Osmophylic yeasts	Colony count	In-house method
713	MB	Pseudomonas aeruginosa	Colony count	ISO 13720
743	MB	Pseudomonas aeruginosa	Presence/absence	In-house method
774	MB	Psychotropic plate count	Colony count	In-house method
737	MB	Psychrophilic plate count	Colony count	In-house method
759	MB	Salmonella	Presence/absence	ISO 6579
128	MB	Salmonella (OXOID)	Essay	Oxoid
861	MB	Shigella	Colony count	ISO 21567
143	MB	Staphylococcus aureus	Colony count	ISO 6888
718	MB	Sulphite-reducing anaerobes	Colony count	ISO 15213
147	MB	Sulphite-reducing anaerobes (Clostridia)	Membrane filtration	ISO 6461-2
721	MB	Thermophilic bacteria spores	Colony count	In-house method
715	MB	Thermoresistant bacteria	Colony count	In-house method
148	MB	Thermoresistant bacteria spores	Colony count	In-house method
126	MB	Yeast and moulds	Colony count	ISO 7954 ISO 6611
500	NIR	N.I.R. measurement	NIR	In-house method
080	OO	Admixture (feedingstuffs)	Gravimetry	In-house method
341	OO	Animal substances	Microscopy	EC152/2009 annex VI
320	OO	Besatz in rye	Gravimetry	NEN 5393
319	OO	Besatz in wheat and barley	Gravimetry	NEN 5392
300	OO	Broken kernels	Gravimetry	In-house method
302	OO	Broken kernels in rice	Gravimetry	In-house method
337	OO	Broken kernels in rice / average length	Gravimetry	1418/76/EC
301	OO	Broken pulses	Gravimetry	In-house method
317	OO	Broken/shelled seed (canary seed)	Gravimetry	In-house method
010	OO	Calibration	Gravimetry	In-house method
035	OO	Castorseedhusks (presence/absence)	Microscopy	In-house method
036	OO	Castorseedhusks (quantitative)	Microscopy	In-house method
069	OO	Datura Species L.	Microscopy	In-house method
350	OO	Diameter of pellets	Measurement	In-house method
314	OO	Dockage	Gravimetry	USDA
339	OO	Ergot in grains	Gravimetry	NEN 5392 NEN 5393
313	OO	Foreign matter in canaryseed	Gravimetry	In-house method
303	OO	Foreign matter in cereals	Gravimetry	NEN 5392 NEN 5393 NEN 5394
311	OO	Foreign matter in mawseed	Gravimetry	ISO 658
312	OO	Foreign matter in milletseed	Gravimetry	In-house method
310	OO	Foreign matter in mustardseed	Gravimetry	ISO 658
305	OO	Foreign matter in non-oilseeds	Gravimetry	In-house method
304	OO	Foreign matter in pulses	Gravimetry	NEN 5399
308	OO	Foreign matter in rapeseed	Gravimetry	ISO 658

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307	OO	Foreign matter in soybeans	Gravimetry	ISO 658
306	OO	Foreign matter in sunflowerseed	Gravimetry	ISO 658
309	OO	Foreign matter in flaxseed/sesameseed	Gravimetry	ISO 658
728	OO	Germination energy	Visual	EBC
316	OO	Grading	Gravimetry	USDA
086	OO	Shell & dirt	Gravimetry	In-house method
325	OO	Sievingtest	Gravimetry	In-house method
323	OO	Sievingtest/malting barley (Steinecker)	Gravimetry	EBC
077	OO	Specification admixture	Gravimetry	In-house method
079	OO	Specification admixture (quantitative)	Gravimetry	In-house method
322	OO	Sprouted kernels in cereals	Gravimetry	NEN 5392 NEN 5393
071	OO	Stone shells	Microscopy	In-house method
315	OO	Thousand kernelweight	Gravimetry	ISO 520 EBC
210	OV	Absorbance in UV-light	Spectrofotometry	ISO 3656
194	OV	Anisidine value	Spectrofotometry	ISO 6885
152	OV	Ash (oils and fats)	Gravimetry	NEN 6327
236	OV	Bleaching test	Lovibond	AOCS Cc 8b-52
202	OV	Carbonyl compounds	Spectrofotometry	ASTM: E411-00
219	OV	Chlorofyll pigments	Spectrofotometry	FOSFA; NOFOTA
235	OV	Color Gardner	LICO 500	Own method
234	OV	Color Lico	LICO 500	Own method
157	OV	Color Lovibond	Lovibond	ISO 15305
233	OV	DOBI value	Spectrofotometry	ISO 17932
176	OV	Free Fatty Acids	Titrimetry	ISO 660
204	OV	Heatstability	LICO 500	NEN 3138-11
232	OV	Heatstability Hazen	LICO 500	Own method
177	OV	Insoluble impurities	Gravimetry	ISO 663
156	OV	Iodine value	Titrimetry	ISO 3961
171	OV	Litreweight in air	Gravimetry	NEN 6311 ISO 6883
170	OV	Melting point	Viscosimetrie	ISO 6321
175	OV	Moisture & volatile matter	Gravimetry	ISO 662
040	OV	Peroxid value	Titrimetry	
193	OV	Phosphoros	Spectrofotometry	ISO 10540-1
153	OV	Refractive index	Refraction	ISO 6320
253	OV	Saponification	Calculation	NEN 6329
174	OV	Saponification value	Titrimetry	ISO 3657
186	OV	Soap	Titrimetry	ISO 10539
230	OV	Steam volatile oil	Volumetry	ASTA 5.0
190	OV	Steam volatile oil	Volumetry	ASTA 5.2
172	OV	Titre Dalicam	Titrimetry	ISO 935
231	OV	Titre Direct	Titrimetry	ISO 3138-9
195	OV	Total oxidation value (Totox)		
163	OV	Unsaponifiable matter	Gravimetry / Titrimetry	ISO 3596

LabCo gladly supplies information about determinations which are not listed, analysis packages, the concerned tariffs and possibilities of project discounts.