



Federal Agency for the Safety of the Food Chain

Laboratories' Administration

Document

LABNET Outsourcing of and subscription to the Control Programme

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Addressees	Management and staff members of the Laboratories' Administration; External laboratories

	Name – function / service	Date	Signature
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List of Revisions of the Document

Revision by / date*	Reason of revision	Part of the text / scope of the revision

* The period of time between the present date and the last revision shall not exceed 5 years.

The documents are put on the central server of the Laboratories Administration. This version is considered as the version in force. Copies may be obtained from the secretariat of the Laboratories Administration.

Key words: External laboratories – Control Programme - Analyses



Labnet : Outsourcing of and subscription to the control - program



Agenda

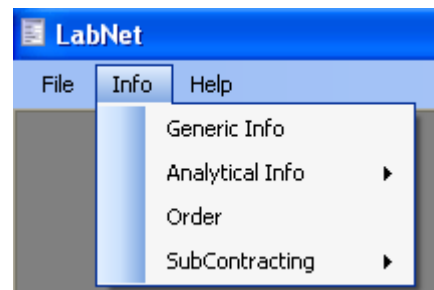


- Introduction
- Modules
- Compose control-program by DG Controle
- Publication control-program by coordinators
- Sign in on control-programma by labs
- Evaluation signed in labs
- Grant control-program to internal/external labs

Modules : LabNet



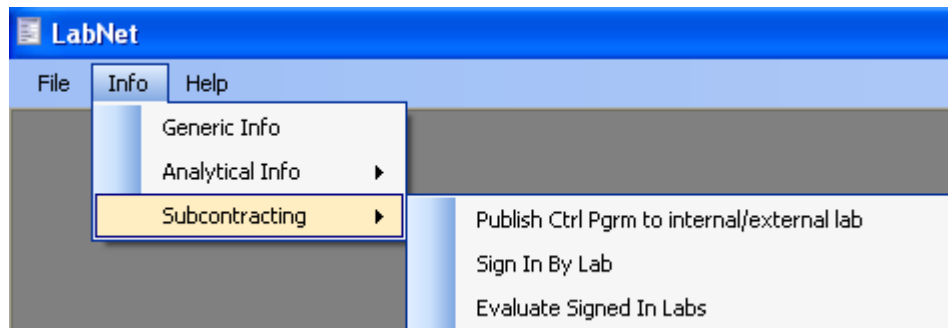
- Non-standard unilab module which is accessible for internal / external labs.
- Multiple submodules



- Generic info : administrative data internal/external labs
- Manage analytical info for internal / external labs
- Order : create orders for these analysis performed by external labs
- Subcontracting : make yearly control program available for internal/external labs + distribute the planning among labs



Modules : Outsourcing control-program



- Publish control program by coordinators
- Sign in by lab on the published control-program
- Evaluation signed in labs + grant lines to lab(s) by coordinators



Installation of the tool

- See separate slideset : installation labnet & ptschemes on website
- <http://www.favv-afsca.fgov.be/laboratories/> / LABNET /PT Schemes

General workflow



- DG Controle 'builds' control program for year + 1, based on risk-estimations and european, national & regional directions.
- Draft control-program ready by 15/10 -> coordinators 'rationalise' this control-programma (which analyses of what sample types can be performed on the same samples)
- Rationalized control-programma imported in Labnet
- Module 1 : publish control-program
 - To internal labs
 - To external labs
- Module 2 : internal and/or external labs sign in
 - Indicate the lines where interested in
 - Enter details for these lines (LOD/LOQ, price, throughput time etc)
- Module 3 : Coordinators evaluate subscriptions, and grant to 1 or more labs

Module 1 : Publish control-program to internal / external lab



Rat Ctrl Pgm Line	<input type="text"/>	Level 1	Agricultural raw material	Publish Ext	<input type="checkbox"/>	Int	<input type="checkbox"/>	Part	<input type="checkbox"/>
Year	2010	Level 2	Animal Feed	Published Ext	<input type="checkbox"/>	Int	<input type="checkbox"/>	Part	<input type="checkbox"/>
To Analyse	<input type="text"/>	Level 3	<input type="text"/>	Assigned	<input type="checkbox"/>	To Lab	<input type="text"/>		
		Level 4	<input type="text"/>	Active	<input checked="" type="checkbox"/>	Select	<input type="button" value="Select"/>		

CP Line	Level 1	Level 2	Level 3	Level 4	Active	#Smpl	Sampling Type	Analysis	#Analyses	Publish Int	Publish Ext	Publish Int From Date	Publish Int Till Date	Publish Ext From Date	Publish Ext Till Date	Publish ed Int	Publish ed Ext
10150	Agricultural raw materia	Animal Feed	Additives for animal feed	Binding agents	<input checked="" type="checkbox"/>	13	Desired	Sum of PCDD/PCDF via Calux	1	<input type="checkbox"/>	<input type="checkbox"/>	11/06/2010	25/06/2010	01/01/0001	01/01/0001	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10153					<input checked="" type="checkbox"/>	19	Fixed A		1	<input type="checkbox"/>	<input type="checkbox"/>			02/08/2010	27/08/2010	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10154					<input checked="" type="checkbox"/>	9	Fixed A		1	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>
10155				Oligo-elements	<input checked="" type="checkbox"/>	16	Fixed A	Arsene	1	<input type="checkbox"/>	<input type="checkbox"/>	22/10/2010	05/11/2010	22/10/2010	05/11/2010	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
10149					<input checked="" type="checkbox"/>	20	Desired	Cadmium (Cd)	1	<input type="checkbox"/>	<input type="checkbox"/>	07/09/2010	30/09/2010			<input checked="" type="checkbox"/>	<input type="checkbox"/>
11480					<input checked="" type="checkbox"/>	10	Estimate	Cadmium (Cd), Lead (Pb)	2	<input type="checkbox"/>	<input type="checkbox"/>	07/09/2010	26/08/2010			<input checked="" type="checkbox"/>	<input type="checkbox"/>
11686					<input checked="" type="checkbox"/>	3	Fixed A	Dioxinlike pcb's by congener.	7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		14/08/2010			<input type="checkbox"/>	<input type="checkbox"/>
10148					<input checked="" type="checkbox"/>	80	Fixed A	Sum of PCDD/PCDF via Calux	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		27/08/2010			<input type="checkbox"/>	<input type="checkbox"/>

1. Via filter mechanism -> look up of list of lines to publish
2. Internal publication : line becomes available for internal labs
3. External publication : line becomes available for external labs
4. Coordinator can indicate the date till which the line is available for sign in by external labs. As soon as the deadline is passed, the lines are hidden for the labs. Currently, the default period of publication = 14 days (but can be changed!!!). Exceptions : lines where lab has signed in, or lines granted to lab, remain visible.

Module 2 : Subscription by lab



LabNet - [Sign In Internal / External lab]

File Info Help

Rat Ctrl Pgm Line: Level 1: Signed In: Sign In:

Year: Level 2: Assigned: Lab:

To Analyse: Level 3: Intern/Extern: Select:

Level 4:

CP Line	Level 1	Level 2	Level 3	Level 4	Species	Cat egor y	Tre atm	#Smpl	N	Analysis:	# Analys es	Sampl ing Type	Pric e	Delt aT	Accre ditati on:	Reco gnize d	Sign In	Signe d In	Signed In Date
10186	Agricultural...	Animal Feed	Raw materials	(By) products of the...				15	1	Polyaromatic hydrocarbons	1	Fixed A...			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10085	Non-food	Processed animal products...						72	5	Enterobacteriaceae (enumera...	2	Estimat...			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10084	Non-food	Processed animal products...						5	5	Enterobacteriaceae (enumera...	2	Estimat...			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10083	Non-food	Processed animal products...						19	5	Enterobacteriaceae (enumera...	2	Estimat...			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10079	Non-food	Dust	Dust					335	1	Salmonella spp (detection)	1	Estimat...			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9995	Food	Meat, meat products and p...	Preparations of meat	Preparations of meat				22	1	Escherichia coli (enumeration...	2	Fixed A...			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9966	Food	Manufactured products	Prepared dishes	Hot ready-made me...				14	1	Bacillus cereus (enumeration)...	6	Fixed A...			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9958	Food	Manufactured products	Prepared dishes	Cold zakoeski				22	1	Bacillus cereus (enumeration)...	5	Fixed A...	4.00	5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9949	Food	Manufactured products	Prepared dishes	Cold zakoeski				23	1	Bacillus cereus (enumeration)...	5	Fixed A...			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9933	Food	Manufactured products	Prepared dishes	Hot ready-made me...				22	1	Bacillus cereus (enumeration)...	7	Fixed A...			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Save Cancel Sign In Copy LabLi

msg USER=kursti LAB=TESTLAB

Logged in as lab X => only these lines available for lab X are visible



General user interface: filter functionality(1)

Rat Ctrl Pgm Line Level 1 Signed In Sign In
Year Level 2 Assigned Lab
To Analyse Level 3 Intern/Extern
Level 4

CP Line	Level 1	Level 2	Level 3	Level 4	Species	Category	Treatment	#Sm	N	Analysis:	#Analyses	Sampling Type	Price	DeltaT	Accreditation	Recognized	Sign In	Signed In	Signed In Date
10186	Agricultural...	Animal Feed	Raw materials	(By) products of the...					1	Polyaromatic hydrocarbons	1	Fixed A...			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10085	Non-food	Processed animal products...						7	5	Enterobacteriaceae (enumeration...)	2	Estimat...			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10084	Non-food	Processed animal products...						5	5	Enterobacteriaceae (enumeration...)	2	Estimat...			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10083	Non-food	Processed animal products...						19	5	Enterobacteriaceae (enumeration...)	2	Estimat...			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10079	Non-food	Dust	Dust					335	1	Salmonella spp (detection)	1	Estimat...			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9995	Food	Meat, meat products and p...	Preparations of meat	Preparations of meat				22	1	Escherichia coli (enumeration...)	2	Fixed A...			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9966	Food	Manufactured products	Prepared dishes	Hot ready-made me...				14	1	Bacillus cereus (enumeration...)	6	Fixed A...			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9958	Food	Manufactured products	Prepared dishes	Cold zakoeski				22	1	Bacillus cereus (enumeration...)	5	Fixed A...	4.00	5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9949	Food	Manufactured products	Prepared dishes	Cold zakoeski				23	1	Bacillus cereus (enumeration...)	5	Fixed A...			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9933	Food	Manufactured products	Prepared dishes	Hot ready-made me...				22	1	Bacillus cereus (enumeration...)	7	Fixed A...			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	



General userinterface: filter functionality(2)

Rat Ctrl Pgm Line **Food**
Signed In Sign In
Year 2010 Level 2
Assigned Lab TESTLAB
To Analyse Level 3
Intern/Extern

CP Line	Level 1	Level 2	Level 3	Level 4	Species	Category	Treatment	#Smpl	N	Analysis:	#Analyses	Sampling Type	Price	Delta T	Accreditation:	Sign In
10015	Food	Meat, meat products and p...	Meat Products	Meat Products			Fried/...	22	1	Enterobacteriaceae (enumeration...	2	Fixed A...	5.00	4	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10005	Food	Meat, meat products and p...	Meat Products	Meat Products				22	1	Escherichia coli (enumeration...	6	Fixed A...	24.00	44	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9995	Food	Meat, meat products and p...	Preparations of meat	Preparations of meat				22	1	Escherichia coli (enumeration...	2	Fixed A...			<input type="checkbox"/>	<input type="checkbox"/>
9966	Food	Manufactured products	Prepared dishes	Hot ready-made meals				14	1	Bacillus cereus (enumeration)...	6	Fixed A...			<input type="checkbox"/>	<input type="checkbox"/>
9958	Food	Manufactured products	Prepared dishes	Cold zakoeski				22	1	Bacillus cereus (enumeration)...	5	Fixed A...	4.00	5	<input type="checkbox"/>	<input type="checkbox"/>
9949	Food	Manufactured products	Prepared dishes	Cold zakoeski				23	1	Bacillus cereus (enumeration)...	5	Fixed A...			<input type="checkbox"/>	<input type="checkbox"/>
9933	Food	Manufactured products	Prepared dishes	Hot ready-made meals				22	1	Bacillus cereus (enumeration)...	7	Fixed A...			<input type="checkbox"/>	<input type="checkbox"/>

Rat Ctrl Pgm Line **Food**
Signed In Sign In
Year 2010 Level 2 **Manufactured products**
Assigned Lab TESTLAB
To Analyse Level 3
Intern/Extern

CP Line	Level 1	Level 2	Level 3	Level 4	Species	Category	Treatment	#Smpl	N	Analysis:	#Analyses	Sampling Type	Price	Delta T	Accreditation:	Sign In
9966	Food	Manufactured products	Prepared dishes	Hot ready-made meals				14	1	Bacillus cereus (enumeration)...	6	Fixed A...			<input type="checkbox"/>	<input type="checkbox"/>
9958	Food	Manufactured products	Prepared dishes	Cold zakoeski				22	1	Bacillus cereus (enumeration)...	5	Fixed A...	4.00	5	<input type="checkbox"/>	<input type="checkbox"/>
9949	Food	Manufactured products	Prepared dishes	Cold zakoeski				23	1	Bacillus cereus (enumeration)...	5	Fixed A...			<input type="checkbox"/>	<input type="checkbox"/>
9933	Food	Manufactured products	Prepared dishes	Hot ready-made meals				22	1	Bacillus cereus (enumeration)...	7	Fixed A...			<input type="checkbox"/>	<input type="checkbox"/>



General user interface: filter functionality(3)

Rat Ctrl Pgm Line: Level 1: Signed In: Sign In:

Year: Level 2: Assigned: Lab:

To Analyse: Level 3: Intern/Extern: Select:

Level 4:

CP Line	Level 1	Level 2	Level 3	Level 4	#Smpl	N	Analysis:	#Analyses	Sampling Type	Price	Delta T	Accreditation	Sign In	Recognized	Signed In	Signed In Date
10085	Non-food	Processed animal products...			72	5	Enterobacteriaceae (enumeration), Salmonella spp (detection)	2	Estimat...			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10084	Non-food	Processed animal products...			5	5	Enterobacteriaceae (enumeration), Salmonella spp (detection)	2	Estimat...			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10083	Non-food	Processed animal products...			19	5	Enterobacteriaceae (enumeration), Salmonella spp (detection)	2	Estimat...			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

- Wildcards allowed for the field : 'To Analyse'
- By entering the rat ctrl prgm line, all other filters are ignored (except for the fact that the line should be available for the lab)

Rat Ctrl Pgm Line: Level 1: Signed In: Sign In:

Year: Level 2: Assigned: Lab:

To Analyse: Level 3: Intern/Extern: Select:

Level 4:

CP Line	Level 3	Level 4	#Smpl	Analysis:	#Analyses	Sampling Type	Price	Delta T	Accreditation	Sign In	Signed In Date	Signed In
1	9626	Bakery and pastry products Bread	10	Acrylamide	1	Fixed A...	3.00	4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>



General userinterface: filter functionality(4)

Signed In Sign In

Assigned Lab TESTLAB

Intern/Extern

Select

#Smpl	N	Analysis:	# Analyses	Sampling Type	Price	Delta T	Accreditation:	Sign In	Recognized	Signed In
335	1	Salmonella spp (detection)	1	Estimat...	43.00	33	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22	1	Bacillus cereus (enumeration)...	5	Fixed A...	4.00	5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Signed In Sign In

Assigned Lab TESTLAB

Intern/Extern

Select

#Smpl	N	Analysis:	# Analyses	Sampling Type	Price	Delta T	Accreditation:	Sign In	Recognized	Signed In	Signed In Date
27	1	Sum of PCDD/PCDF via Calux	1	Desired...	32.00	2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	04/10/201
15	1	Polyaromatic hydrocarbons	1	Fixed A...			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
72	5	Enterobacteriaceae (enumera...	2	Estimat...			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5	5	Enterobacteriaceae (enumera...	2	Estimat...			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
19	5	Enterobacteriaceae (enumera...	2	Estimat...			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
335	1	Salmonella spp (detection)	1	Estimat...	43.00	33	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
22	1	Enterobacteriaceae (enumera...	2	Fixed A...	5.00	4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	05/10/201
22	1	Escherichia coli (enumeration...	6	Fixed A...	24.00	44	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	05/10/201
22	1	Escherichia coli (enumeration...	2	Fixed A...			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14	1	Bacillus cereus (enumeration)...	6	Fixed A...			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
22	1	Bacillus cereus (enumeration)...	5	Fixed A...	4.00	5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
23	1	Bacillus cereus (enumeration)...	5	Fixed A...			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
22	1	Bacillus cereus (enumeration)...	7	Fixed A...			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

- Select where checked
- Select where checked or unchecked
- Select where NOT checked



General userinterface: filter functionality (5)

Rat Ctrl Pgm Line Level 1 Signed In Sign In

Year Level 2 Assigned Lab

To Analyse Level 3 Intern/Extern

Match with scope Details Level 4

CP Lijn	Level 2	Level 3	Level 4	#Monsters	Analyse:	#Analyses	Type Monsternam e	Prij s
1	11911	Milk, dairy products and da...	Dairy products	Cheese	12	Escherichia coli (enumeration), Escherichia coli O:157 (recherche), Listeria monocytogenes (enumeration)	3	Fixed A...
2	11918	Milk, dairy products and da...	Dairy products	Cheese	22	Campylobacter spp (enumeration), Escherichia coli (enumeration), Escherichia coli O:157 (recherche), Listeria	6	Fixed A...
3	11926	Milk, dairy products and da...	Dairy products	Cheese	23	Campylobacter spp (enumeration), Escherichia coli (enumeration), Escherichia coli O:157 (recherche), Listeria	6	Fixed A...

- When filter *Match with scope* = then all CP lines are fetched.
- When filter *Match with scope* = then only CP lines that can be 'interesting' for the lab are shown. This means, the system verifies which matrix/parameter combination in the scope of the lab, and only shows the lines of the CP that match this scope. As soon as 1 parameter (of the x lines that are programmed) is found in the CP, the line is shown



General userinterface: filter functionality (6)

Rat Ctrl Pgm Line Level 1 Signed In Sign In

Year 2011 Level 2 Assigned Lab TESTLAB

To Analyse Level 3 Intern/Extern Select

Match with scope Details Level 4

CP Lijn	Level 2	Level 3	Level 4	#Monsters	Analyse:	#Analyses	Type Monstername	
1	11911	Milk, dairy products and da...	Dairy products	Cheese	12	Escherichia coli (enumeration), Escherichia coli O:157 (recherche), Listeria	3	Fixed A...

To Analyse Level 3 Intern/Extern

Match with scope Details Level 4

Select

CP Lijn	Level 2	Level 3	Level 4	#Monsters	Analyse:	#Analyses	Type Monstername	
1	11911	Milk, dairy products and da...	Dairy products	Cheese	12	Escherichia coli (enumeration), Escherichia coli O:157 (recherche), Listeria	3	Fixed A...
2	11918	Milk, dairy products and da...	Dairy products	Cheese	22	Campylobacter spp (enumeration), Escherichia coli (enumeration), Escherichia coli O:157 (recherche), Listeria	3	Fixed A...
3	11926	Milk, dairy products and da...	Dairy products	Cheese	23	Campylobacter spp (enumeration), Escherichia coli (enumeration), Escherichia coli	3	Fixed A...

- When filter Details = en details shown
- When filter Details = en no details shown
 - Better performance as details are no fetched
 - Export to excel better organized
- When user tries to open > 500 lines -> details are never fetched/shown



General userinterface: Change Layout (1)

- Modify sort order: click column header, multiple sort via shift+click

	Level 2	Level 3	Level4	Species	Category	Treatment	#Smpl	N
+	Animal Feed	Raw materials	(By) products of the agri-fo...				27	1
+	Animal Feed	Raw materials	(By) products of the agri-fo...				15	1
+	Processed animal products...						72	5
+	Processed animal products...						5	5
+	Processed animal products...						19	5
+	Dust	Dust					335	1
+	Meat, meat products and p...	Meat Products	Meat Products			Fried/...	22	1
+	Meat, meat products and p...	Meat Products	Meat Products				22	1
+	Meat, meat products and p...	Preparations of meat	Preparations of meat				22	1

Sort-indicator

- 'Freeze' columns :

	Level 1	Level 2	Level 3	Species	Category	Treatment	#Smpl	N	Analysis:
+	Agricultural raw material	Animal Feed	Raw materials	agri-fo...			27	1	Sum of PCI
+	Agricultural raw material	Animal Feed	Raw materials	agri-fo...			15	1	Polyaromat
+	Non-food	Processed animal products...					72	5	Enterobac
+	Non-food	Processed animal products...					5	5	Enterobac
+	Non-food	Processed animal products...					19	5	Enterobac
+	Non-food	Dust	Dust				335	1	Salmonella
+	Food	Meat, meat products and p...	Meat Products			Fried/...	22	1	Enterobac
+	Food	Meat, meat products and p...	Meat Products				22	1	Enterobac
+	Food	Meat, meat products and p...	Preparations of meat				22	1	Escherichi
+	Food	Manufactured products	Prepared dishes				14	1	Bacillus c
+	Food	Manufactured products	Prepared dishes				22	1	Bacillus c

Fixed (frozen) columns are automatically moved to the left

Un-frozen columns to the right



General userinterface: Change Layout (2)

- Change column order via click + drag & drop

Level 3	# Analyses	Level 1	CP Line	Level 4	Species	Treatment	#Smpl	N	Level 2	Analysis:
Raw materials	1	Agricultural raw material	11694	(By) products of the agri-fo			27	1	Animal Feed	Sum of PCDD/PCDF via Calu
Raw materials	1	Agricultural raw material	10186	(By) products of the agri-fo			15	1	Animal Feed	Polyaromatic hydrocarbons

- Show or hide (un)wanted columns :

The 'Field Chooser' dialog box is open, showing a list of fields with checkboxes. The 'CP Line' field is checked. The dialog box is titled 'Field Chooser' and has a close button (X) in the top right corner. The list of fields includes:

- Category
- CP Line
- DeltaT
- Lab Code
- LABTYPE
- Level 1
- Level 2
- Level 3
- Level 4
- Level 5
- M ID

CP Line	Level 1	Level 2	Species	Treatment	#Smpl	N	Analysis:
11694	Agricultural raw material	Animal Feed			27	1	Sum of PCDD/PCDF via Calu
10186	Agricultural raw ma				15	1	Polyaromatic hydrocarbons
10085	Non-food				72	5	Enterobacteriaceae (enumera...
10084	Non-food				5	5	Enterobacteriaceae (enumera...
10083	Non-food				19	5	Enterobacteriaceae (enumera...
10079	Non-food				335	1	Salmonella spp (detection)
10015	Food			Fried/...	22	1	Enterobacteriaceae (enumera...
10005	Food				22	1	Escherichia coli (enumeration...
9995	Food				22	1	Escherichia coli (enumeration...
9966	Food				22	1	Escherichia coli (enumeration...
9958	Food				14	1	Bacillus cereus (enumeration)...
9958	Food				22	1	Bacillus cereus (enumeration)...
9949	Food				23	1	Bacillus cereus (enumeration)...
9933	Food				22	1	Bacillus cereus (enumeration)...



General userinterface: Change Layout (3)

- Customize layout and save for later use (right click in column header)
 - As soon as 'own layout' saved, this layout is used as the default layout. To return to the default layout, the option 'Remove layout' should be used
 - In 'own layout' one can apply his own filters, sort orders, hide columns, column order etc.
 - When the user removes his 'own layout', the default layout is applied when making a new selection.

CP Line	Level 1	Level 2	Species	Treatment	#Smpl	N	Analysis:	Sampling	Category	# Analyses	Price	Delta T	Accreditation	Sign In	Recognized	Signed In	Signed In Date
11694	Agricultural raw material	Animal Feed			27	1	Sum of P			1	32.00	2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	04/10/2010
10186	Agricultural raw material	Animal Feed			15	1	Polyarom			1			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10085	Non-food	Processed animal products...			72	5	Enterob			2			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10084	Non-food	Processed animal products...			5	5	Enterobacteriaceae (enumeration...	Estimat...		2			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10083	Non-food	Processed animal products...			19	5	Enterobacteriaceae (enumeration...	Estimat...		2			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10079	Non-food	Dust			335	1	Salmonella spp (detection)	Estimat...		1	43.00	33	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10015	Food	Meat, meat products and p...		Fried/...	22	1	Enterobacteriaceae (enumeration...	Fixed A...		2	5.00	4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	05/10/2010
10005	Food	Meat, meat products and p...			22	1	Escherichia coli (enumeration...	Fixed A...		6	24.00	44	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	05/10/2010
9995	Food	Meat, meat products and p...			22	1	Escherichia coli (enumeration...	Fixed A...		2			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9966	Food	Manufactured products			14	1	Bacillus cereus (enumeration...	Fixed A...		6			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

- Filter functionaliteit op de data die gevisualiseerd is

#Smpl	Analysis:	# Analyses	Sampling Type	Price	Delta T	Accreditation	Recognized	Sign In
10	Acrylamide	1	Fixed (All)		4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2	Acrylamide	1	Fixed (Custom)			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23	Bacillus cereus (enumeration), Listeria monocytogenes (enumeration), Salmonella spp (detection), Staphylococcus aureus (enumeration)	4	Fixed (NonBlanks)		2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23	Bacillus cereus (enumeration), Listeria monocytogenes (enumeration), Salmonella spp (enumeration)	4	Fixed			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Enter filter criteria for Price

Operator

And conditions > Greater than 3

Or conditions ≤ Less than or equal to 5



User interface : description information (1)

	CP Line	Level 1	Level 2	Level 3	Level 4	Species	Category	Treatment	#Smpl	N	Analysis:
1	9626	Food	Manufactured products	Bakery and pastry products	Bread				10	1	Acrylamide
2	9627	Food	Manufactured products	Bakery and pastry products	Bread				2	1	Acrylamide
3	9945	Food	Manufactured products	Prepared dishes	Cold ready-made meals				23	1	Bacillus cereus (enumeration), Listeria monocytogenes (enumeration), Salmonella spp (detection), Staphylococcus (enumeration)
4	9948	Food	Manufactured products	Prepared dishes	Cold zakoeski				23	1	Bacillus cereus (enumeration), Listeria monocytogenes (enumeration), Salmonella spp (detection), Staphylococcus (enumeration)

- CP Line : unique identifier in the rationalized control-programma
- Level1 – Level 4: matrix description. At least level1 is filled
- Species-Category-Treatment: extra information about samples to take
- #Samples: number of samples that will be taken
- N: number of sub-samples where analysis should be executed on (ex: microbio: 5, histamine : 9, contact material)
- Analyse: comma separated list of parameters that should be executed on this matrix. The complete-extended list can be verified by opening the sublevel



User interface : description information (2)

	▼ ▾ # Analyses ▾ ▾	Sampling Type ▾ ▾	Price ▼ ▾	Delta T ▼ ▾	Accredited... <input type="checkbox"/>	Recognized... <input type="checkbox"/>	Sign In <input type="checkbox"/>	Signed In Date ▾ ▾	Signed In ▾ ▾	Comment ▾ ▾	Granted ▾ ▾	Sign in before ▾ ▾
de	1	Fixed A...			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	31/10/2010
cereus (enumeration), nonocytogenes ation), Salmonella spp in), Staphylococcus	4	Fixed A...			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	31/10/2010
cereus (enumeration), ictor sakazakii	7	Fixed A...			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	31/10/2010

- Sampling Type : Estimated with fixed % / Fixed amount / Desired amount
- Price: to be filled by the lab = the total price for all mentioned parameters on 1 sample. Eg totalprice for Ecoli + Entero + Salmonella.(=screening cost, the price for confirmations should be entered as comment)
- Deltat: througput time in working days=> the lab 'promises' to deliver results within 'deltat days'. Afterwards, the lab is evaluated against this value.
- Accreditation / Recognized : for all (checked) analyses in this testplan, This checkbox is a 3-state checkbox :
 - Checked : all analyses (that the lab executes in this testplan) are accredited/approved
 - Checked off : lab is accredited/approved for non of the parameters in the testplan
 - Grayed : some of the parameters are accredited/approved (or the lab has an advise instead of an accreditaion).
- Sign in : Temporary storage flag, indicating wants to sign in for this line
- Signed in : lab is signed in, the signedin-date is filled in automatically
- Comment : where the lab can indicate eg that parameters will be accredited in the future, or that accreditation was requested, or the confirmation prices etc
- Granted : Indicates that the ctrl prgm line is granted to this lab. Only gets a value when coordinator evaluated subscriptions
- Sign in before : shows till which date, a lab can sign in on this line



User interface : description information (3)

	PP/PR	PP	PR	Measurement	Excl uded (not exec uta...	CCa	CCb	LOD	LOQ
1	pr		Bacillus cereus (enumer...	cfu/g	<input type="checkbox"/>				
2	pr		Listeria monocytogenes (...	cfu/g	<input type="checkbox"/>				
3	pr		Salmonella spp (detectio...	/25g	<input type="checkbox"/>				
4	pr		Staphylococcus coagula...	cfu/g	<input type="checkbox"/>				

- PP/PR: indicates parameter profile or individual parameter. The parameter profile is filled in rarely, but the parameter column is obviously filled. In some cases (eg screening multiresidus) the highest level only shows 1 'screening parameter' vermeld, but on detail level, all individual components are requested
- Measurement: in some cases, the unit of measurement is defined on control program level. This is the unit in which the result should be reported via extlab
- Excluded: should only be used in exceptional circumstances: the lab indicates that it cannot measure this parameter (eg a lab can deliver the results of 250 out of the 260 requested pesticides). 'Normally' the lab should perform all parameters in the testplan, to remain in the running for the subcontracting of the ctrl prgm
- CCa-CCb-LOD-LOQ: quality indicators, precision and accuracy that the lab reaches for the combination matrix / parameter



User interface : description information (4)

Unit	Technique	Techn2	c	m	M	Accreditation:	Recognized
			0	1000	10000	<input type="checkbox"/>	<input type="checkbox"/>
			0	100	100	<input type="checkbox"/>	<input type="checkbox"/>
			0	0	0	<input type="checkbox"/>	<input type="checkbox"/>
			0	100	1000	<input type="checkbox"/>	<input type="checkbox"/>

- Unit : the unit matching with the filled in CCa,CCb,LOD,LOQ ...
- Technique1 – Technique2 : method used by the lab to measure this parameter in this matrix. Both fields are linked with each other
 - When technique2 filled -> the system automatically fills technique1
 - When technique1 is filled -> the list of values of technique2 is reduced based on the level1
- c-m-M : only filled for microbiological tests (MPN)
- Accreditation / Recognition : are not filled manually, but inherit values from lablib (see later)

Sign in on control-pgm (1)



- Step 1 : look up 'interesting' lines by using filter functionality
- Step 2 : Fill information.

CP Line	Level 3	Level 4	#Smpl	N	Analysis:	# Analyses	Sampling Type	Price	Deltat	Ac cr e...	Re co g...	Sign In	Signed In Date	Signe d In
9627	Bakery and pastry products	Bread	2	1	Acrylamide	1	Fixed A...			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
9948	Prepared dishes	Cold zakoeski	23	1	Bacillus cereus (enumeration), Listeria monocytogenes (enumeration), Salmonella spp (detection), Staphylococcus	4	Fixed A...			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

	PP/PR	PP	PR	Measurement	Excl uded (not exec uta...	CCa	CCb	LOD	LOQ	Unit	Technique	Techn2	c	m	M
1	pr			Bacillus cereus (enumer...	<input type="checkbox"/>								0	1000	10000
2	pr			Listeria monocytogenes (...	<input type="checkbox"/>								0	100	100
3	pr			Salmonella spp (detectio...	<input type="checkbox"/>								0	0	0
4	pr			Staphylococcus coagula...	<input type="checkbox"/>								0	100	1000

Exceptionally used

Non mandatory fields, to be filled
 •Never for microbiological parameters
 •Mandatory for chemical pa, where appropriate

Mandatory fields

How to fill :

- Technique1 & technique2 & unit can be chosen from dropdown list box
- Price, deltat, CCa, CCb, LOD, LOQ: to be filled by hand.
- Double click on the header of a checkbox, to toggle all values in the column



- TIP 1. double click on a value automatically 'copies' down the result to the next empty cells
- TIP 2. by using the button Copy Lablib, the system automatically copies the information of LabLib to the subscription screen
- TIP 3 : door de knop Copy Lablib te gebruiken, kopieert het systeem automatisch de gekende info uit lablib naar dit inschrijvings scherm



Sign in on control-pgm– copy from lablib (2)

- Via button : Copy LabLi
- System copies info from lablib to the selected prg line

PP/PR	PP	PR	Measurement	Excluded (not executed)	CCa	CCb	LOD	LOQ	Unit	Technique	Techn2	c	m	M	Accreditation:	Recognized
1	pr		Bacillus cereus (enumer...	<input type="checkbox"/>								0	1000	10000	<input type="checkbox"/>	<input type="checkbox"/>
2	pr		Listeria monocytogenes (...)	<input type="checkbox"/>								0	100	100	<input type="checkbox"/>	<input type="checkbox"/>
3	pr		Salmonella spp (detectio...)	<input type="checkbox"/>								0	0	0	<input type="checkbox"/>	<input type="checkbox"/>
4	pr		Staphylococcus coagula...	<input type="checkbox"/>								0	100	1000	<input type="checkbox"/>	<input type="checkbox"/>

- Lookup 'Best matching' lablib line= (line where matrix L1->L4 + parameter are matching most) .

Pay attention for these lines where multiple a) methods defined b) L1/L2/L3/L4 combinations match

Calculated price = sum of individual analysis prices

Calculated deltat = max (deltat) from lablib

Approval / Accreditation = complete, partially or nothing

PP/PR	PP	PR	Measurement	Excluded (not executed)	CCa	CCb	LOD	LOQ	Unit	Technique	Techn2	c	m	M	Accreditation:	Recognized
1	pr		Bacillus cereus (enumer...	<input type="checkbox"/>					µg/g	culture	isolement/crois...	0	1000	10000	<input type="checkbox"/>	<input type="checkbox"/>
2	pr		Listeria monocytogenes (...)	<input type="checkbox"/>					µg/g	culture	isolement/crois...	0	100	100	<input type="checkbox"/>	<input type="checkbox"/>
3	pr		Salmonella spp (detectio...)	<input type="checkbox"/>					µg/g	culture	isolement/crois...	0	0	0	<input type="checkbox"/>	<input type="checkbox"/>
4	pr		Staphylococcus coagula...	<input type="checkbox"/>					µg/g	culture	isolement/crois...	0	100	1000	<input type="checkbox"/>	<input type="checkbox"/>



Sign in on control-pgm (3)

Rat Ctrl Pgm Line Level 1 Signed In Sign In

Year Level 2 Assigned Lab

To Analyse Level 3 Intern/Extern Select

Level 4

CP Line	Level 3	Level 4	#Smpl	N	Analysis:	# Analys es	Sampl ing Type	Pric e	De lta T	Ac cr e...	Re co g...	Si gn In	Signed In Date	Signe d In	Comment	Grant ed	Sign in before	
1	10059	Raw materials	Products of terrestrial anim...	60	5	Salmonella spp (detection)	1	Fixed A...	33.00	2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>					02/11/2010
PP/PR	PR	Measurement	Excluded (not executabl e)	CCa	CCb	LOD	LOQ	Unit	Technique	Techn2	c	m	M	Accredi tation:	Recogn ized			
1	pr	Salmonella spp (detectio... /25g	<input type="checkbox"/>					cfu/g	culture	isolement/croissance s...	0	0	0					

- Step 3 : Intermediate save via 'Sign in' checkbox. This eases to find the 'interesting' lines. This checkbox can only be toggled on, when all mandatory information for a line is filled.
 - Voor de ctrl pgm level : Price / Deltat
 - Voor each parameter:
 - Unit / Techn1 / Techn2
 - OR Exclude

Sign in on control-pgm (4)



Rat Ctrl Pgm Line Level 1 Signed In Sign In

Year Level 2 Assigned Lab

To Analyse Level 3 Intern/Extern Select

Level 4

CP Line	Level 2	Level 3	Level 4	#Smpl	N	Analysis:	#Analyses	Sampling Type	Price	Delta T	Accreditation	Sign In	Recognized	Signed In	Signed In Date
10015	Meat, meat products and p...	Meat Products	Meat Products	22	1	Enterobacteriaceae (enumeration...)	2	Fixed A...	5.00	4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	05/10/2010
10005	Meat, meat products and p...	Meat Products	Meat Products	22	1	Escherichia coli (enumeration...)	6	Fixed A...	24.00	44	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	05/10/2010

Save Cancel **Sign In** Copy LabLi

- Step 4 : Sign in.
This button activates when at least 1 line has 'Sign in' = true
- Once signed in, the 'sign in' checkbox is deactivated, the sign in checkbox is activated, and the signed in date is filled in
- Lines where a lab has signed in, cannot be modified anymore. Coordinators can re-activate a line for a lab again to allow editing

CP Line	Level 2	Level 3	Level 4	#Smpl	N	Analysis:	#Analyses	Sampling Type	Price	Delta T	Accreditation	Sign In	Recognized	Signed In	Signed In Date
10015	Meat, meat products and p...	Meat Products	Meat Products	22	1	Enterobacteriaceae (enumeration...)	2	Fixed A...	5.00	4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	05/10/2010
10005	Meat, meat products and p...	Meat Products	Meat Products	22	1	Escherichia coli (enumeration...)	6	Fixed A...	24.00	44	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	05/10/2010



Sign in on control-pgm - corrections(5)

- All lines where lab signed in, are protected, and cannot be modified anymore by the lab !
- Suppose, coordinator has additional questions, example :
 - LOD/LOQ/CCa/CCb: insufficient information
 - Accreditations / Approval not in line with lab scope (as available in lablib)
 - Unrealistic prices (eg wrong decimal separator)
 - Wrong techniques / units chosen for a parameter
- To allow editing by the lab again, the coordinator can 'open' the ctrl prgm line -> Checkbox 'Sign in' is checked on, checkbox 'Signed in' is removed and 'sign-in-date' is made empty

CP Lijn	Ac cr e...	Er ke nd	Te ke n...	Inteken Datum	Inget eken d	Commentaar	
2	11694	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	04/10/2010	<input checked="" type="checkbox"/>	
15	11096	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	07/09/2010	<input checked="" type="checkbox"/>	
44	10085	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	06/10/2010	<input checked="" type="checkbox"/>	
4	10015	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	05/10/2010	<input checked="" type="checkbox"/>	

CP Lijn	Ac cr editi e.	Er ke nd	Te ke n in	Inteken Datum	Inget eken d
10015	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>

- The lab receives a warning message by email, with the request to update/correct/add the information. The line will only remain available for a restricted time for the external lab. Before this deadline, the lab should sign in again (if desired) via the normal sign in procedure



Verify granted lines

- 'Normal/standard' start :

Rat Ctrl Pgm Line Level 1
Year Level 2
To Analyse Level 3
Level 4
Signed In Sign In
Assigned Lab
Intern/Extern

Default = jaar + 1

CP Line	Level 3	Level 4	#Smpl	N	Analysis:	# Analyses	Sampling Type	Price	Delta T	Access	Reco
1	9627	Bakery and pastry products	Bread	2	1	Acrylamide	1	Fixed A...		<input type="checkbox"/>	<input type="checkbox"/>
2	9948	Prepared dishes	Cold zakoeski	23	1	Bacillus cereus (enumeration), Listeria monocytogenes	4	Fixed A...		<input type="checkbox"/>	<input type="checkbox"/>

- To find the lines that are 'granted' to my lab :

Rat Ctrl Pgm Line Level 1
Year Level 2
To Analyse Level 3
Level 4
Signed In Sign In
Assigned Lab
Intern/Extern

- By checken on 'Granted' -> the lab only sees these lines that are granted to his lab. The 'Sign In' and 'Signed In' fields are ignored in this case
- If needed, export the list via menu -> export to excel



Module 3 : Grant lines to lab(s) by coordinators

Rat Ctrl Pgm Line Level 1 Assigned Sign In

Year Level 2 Signed In Labo

To Analyse Level 3 Intern/Extern

Publish Date Int Over Publish Date Ext Over Level 4

CP Line	Level 3	Level 4	#S mpl	Sp eci es	Ca teg ory	Tr eat me nt	N	La bs	Analysis:	# Ana lyse s	Ass ign	Ass ign ed	Lab North	Lab South
11694	Raw materials	(By) products of the agri-fo...	27				1	1	Sum of PCDD/PCDF via Calux	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
11619	Water (not used as a bever...	Water used in preparations	11				1	3	Ammonium, Antimony, Arsen...	23	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
11605	Growing Substrates	Organische teeltsubstraten...	20				1	2	Guarantees Fertilizers FLVWG...	2	<input checked="" type="checkbox"/>	<input type="checkbox"/>		

Lab Code	Lab Type	Signed In	Signed In Date	Delta T	Score Time	Price	Score Price	Smpl /Mth	Accredita tion	Recogniz ed	PickUp Fctr Melle	Weight Melle	Rang Melle	PickUp Fctr Gx	Weight GX	Rang Gx	Accept ed	Comment
LFSAGX	I	<input checked="" type="checkbox"/>	01/09/2010	44		5.34			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			<input type="checkbox"/>	
TESTLAB	E	<input checked="" type="checkbox"/>	27/07/2010	3		23.78		22	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>			<input type="checkbox"/>			<input type="checkbox"/>	



Based on

- Deltat
- Price
- Accreditation / Recognition
- Willing to pick up samples in Gx/Melle
- EMAS / ISO 14001

The coordinator decides which lab is granted this part of the control program

