



Qualitätssicherung. Vom Erzeuger bis zur Ladentheke.

Database instructions  
**csv-Upload**  
**Residue monitoring**  
**Fruit, vegetables, potatoes**  
**Sample related data**





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## 1 Introduction

Possibilities to enter sample related data for the residue monitoring:

- Manually in the software platform
- Upload to the software platform via csv-file

On the other hand, sample data already entered in the database can also be exported to an Excel file.

## 2 Style sheet csv-file

To upload sample related data, a style sheet can be downloaded from the database website under the menu item "support". The following points must be taken into account when editing the style sheet:

- The style sheet is based on an Excel file. The table elements QS-ID, Standortnummer (location number) and Proben-ID (sample-ID) must be formatted as "text" (right mouse button: function "Format cells", select property "text"), otherwise errors may occur during data import.
- During the entering and editing of data, the file can be saved in Excel-format (ending ".xls" behind the filename). The final file for the upload has to be saved in csv-format (ending ".csv" behind the filename)
- **All columns** of the style sheet **must be maintained** for uploading, even though they are not (must not) be filled. The **headings and the order of the columns must also be maintained** as in the style sheet.

## 3 File content

The style sheet contains **mandatory fields** which must be filled in. There are also **free text-fields** for additional entries. The file does also contain **information fields** which have to be left blank for the upload. Entries are made in these fields during the download, when the concerning information have been entered in the database.

For each sampled location, a separate line must be entered. Each product must be analysed using the test method specified in the QS control plan, if it is a mandatory sample. Optional/additional methods can be entered.

**Tab. 1: Overview sample related data in csv-style sheet**

Spalte	Bezeichnung	Erläuterung
A	<b>Proben-ID</b> <b>Sample-ID</b> (e.g.: GH00000XXX- 42924639)	<b>Mandatory field:</b> The first part of the sample-ID is the QS location number of the location where the sample was taken. The second part (8-digit alphanumeric number) can be created individually but has to be distinct and is checked during the upload. If nothing is entered in this field, the second part of the ID is created by the database.



B	<b>Probenarten</b> <b>Type of sample</b> <i>e.g.: 2)</i>	<b>Mandatory field:</b> There are 4 different types of samples. A regular sample corresponds to the QS control plan. 1 = Regular sample 2 = Voluntary sample 3 = Release sample 4 = Pre-harvest sample 5 = Follow-up sample
C	<b>QS-Standortnummer</b> <b>QS location number</b> <i>(e.g.: GH00000XXX)</i>	<b>Free text-field:</b> This field must contain the location number of the sampled location. A plausibility check is carried out during upload.
D	<b>Produktionsart</b> <b>Production scope</b> <i>(e.g.: 82)</i>	<b>Mandatory field:</b> In this field, enter the number of the production scope of the sampled location that is registered in the QS scheme. 81 = wholesale fruit, vegetables, potatoes (first-line merchant) 82 = wholesale fruit, vegetables, potatoes (trading partner) 84 = logistics fruit, vegetables, potatoes 85 = preparation/Processing Fruit, Vegetables, Potatoes 86 = food retail warehouse meat and fruit, vegetables, potatoes 801 = agencies fruit, vegetables, potatoes (first-line merchant) 802 = agencies fruit, vegetables, potatoes (trading partner) 4001 = fruit production (outdoor) 4002 = fruit production (covered) 4003 = fruit production (outdoor) + fruit production (covered) 4004 = vegetable production (outdoor) 4005 = fruit production (outdoor) + vegetable production (outdoor) 4006 = fruit production (covered) + vegetable production (outdoor) 4007 = fruit production (outdoor) + fruit production (covered) + vegetable production (outdoor) 4008 = vegetable production (covered) 4009 = fruit production (outdoor) + vegetable production (covered) 4010 = fruit production (covered) + vegetable production (covered) 4011 = fruit production (outdoor) + fruit production (covered) + vegetable production (covered) 4012 = vegetable production (outdoor) + vegetable production (covered) 4013 = fruit production (outdoor) + vegetable production (outdoor) + vegetable production (covered) 4014 = fruit production (covered) + vegetable production (outdoor) + vegetable production (covered) 4015 = fruit production (outdoor) + fruit production (covered) + vegetable production (outdoor) + vegetable production (covered) 5001 = food potato production
E	<b>Auftraggebername</b> <b>QS-ID customer</b> <i>(e.g.: Company Schmidt)</i>	<b>Information field:</b> Field of information for download. During upload leave this field blank. (During downloads the name of the customer is deposited in this field. This is in general the feed company or the coordinator for agricultural samples)



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F	<b>QS-ID Labor</b> <b>QS-ID Laboratory</b>	<b>Mandatory field:</b> In this free-text the QS-ID of the laboratory is to be deposited, which is commissioned with the analysis of the sample. A plausibility check is carried out during upload.
G	<b>Probenehmer</b> <b>Sampler</b>	<b>Mandatory field:</b> UserID (Login) of the sampler
H	<b>Produkt_Nr.</b> <b>Product number</b> (e.g.: 250144/02)	<b>Mandatory field:</b> The codes of the corresponding product number can be found in Appendix 4.1.
I	<b>Produkt_Name</b> <b>Product name</b>	<b>Information field:</b> Field of information for download. During upload leave this field blank.
J	<b>Sorte</b> <b>Variety</b>	<b>Free text field:</b> Enter the variety of the culture as an option here
K	<b>Prüfspektren</b> <b>Test spectrum</b> (e.g.: 101:113)	<b>Mandatory field:</b> The method code must be specified as:  101 = Mulitmethode GC 103 = Phenoxyalkancarbonsäure 104 = Maleeinsäurehydrazid - QuPPE-Methode 105 = Chlormequat/Mepiquat - QuPPE-Methode 107 = Ethephon - QuPPE-Methode 108 = Nitrat 109 = Amitraz - Einzelmethode 110 = Anorganisches Gesamtbromid - QuPPE-Methode 112 = Dithiocarbomate 113 = Multimethode LC 114 = Dithianon 115 = Organozinnverbindungen 116 = Schwefeldioxid (SO <sub>2</sub> ) 117 = Schwermetalle 118 = Glyphosat - QuPPE-Methode 119 = Quaternäre Ammoniumverbindungen (QAV) 120 = Perchlorat - QuPPE-Methode 121 = Chlorat - QuPPE-Methode 122 = Modifizierte Multimethode 123 = Haloxyfop – Einzelmethode 124 = Fluazifop-p-butyl - Einzelmethode 125 = Fenbutatinoxid - Einzelmethode 126 = Morpholin (inkl. Diethanolamin, Triethanolamin) - QuPPE-Methode 127 = Phosphonat/Fosetyl - QuPPE-Method 128 = Sulfit 129 = Chlorid 130 = Matrine – Einzelmethode



		<p>132 = Flufenacet - nach Hydrolyse          133 = Nikotin - Einzelmethode          136 = Diquat/Paraquat          201 = Sondermethode GC          213 = Sondermethode LC          220 = Zusatz-1-QuPPE-Methode          221 = Zusatz-2-QuPPE-Methode          222 = Zusatz-3-QuPPE-Methode          223 = Zusatz-4-QuPPE-Methode          224 = Zusatz-5-QuPPE-Methode</p>
L	<p><b>Probenahmedatum</b>  <b>Sampling Date</b>  <i>(e.g.: 26.09.2007)</i></p>	<p><b>Mandatory field:</b>          Date of sampling (DD.MM.YYYY).</p>
M	<p><b>Probenahmeuhrzeit</b>  <b>Time of sampling</b>  <i>(e.g.: 09:00)</i></p>	<p><b>Mandatory field:</b>          Time of sampling (hh:mm)</p>
N	<p><b>Probemenge</b>          Value of sampling  <i>(z.B. 2,00)</i></p>	<p><b>Mandatory field:</b>          Indication of the volume of sample in kg.</p>
O	<p><b>Einheit Probemenge</b>  <b>Unit sample volume</b></p>	<p><b>Mandatory field:</b>          Currently, the indication is only possible in kg, only.</p>
P	<p><b>Herkunftsstaat</b>          Sate of origin  <i>(e.g.: 276)</i></p>	<p><b>Mandatory field:</b>          The code number of the country from which the sample originates must be stored here (ISO 3166 country code).          276 = Germany          528 = Netherlands          056 = Belgium          040 = Austria          250 = France          Further country codes can be found at: <a href="https://www.iso.org/iso-3166-country-codes.html">https://www.iso.org/iso-3166-country-codes.html</a>  <a href="https://www.iso.org/obp/ui/#search">https://www.iso.org/obp/ui/#search</a></p>
Q	<p><b>Bundesland_ID</b>  <b>Federal State ID</b>  <i>(z.B. 09)</i></p>	<p>If the country of origin of the product is Germany, the code number of the federal state must be entered in this field.          01 = Schleswig-Holstein          02 = Hamburg          03 = Niedersachsen          04 = Bremen          05 = Nordrhein-Westfalen          06 = Hessen          07 = Rheinland-Pfalz          08 = Baden-Württemberg          09 = Bayern          10 = Saarland          11 = Berlin          12 = Brandenburg          13 = Mecklenburg-Vorpommern          14 = Sachsen</p>



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		15 = Sachsen-Anhalt 16 = Thüringen
R	<b>Bundeslandname</b> <b>Name of federal state</b> (e.g.: Sachsen)	<b>Information field:</b> Field of information for download. During upload leave this field blank.
S	<b>Bestimmungsstaat</b> <b>State of determination</b> (e.g.: France)	The code number of the country to which the product is to be delivered must be entered here (ISO 3166 country code). 276 = Germany 528 = Netherlands 056 = Belgium 040 = Austria 250 = France  Further country codes can be found at: <a href="https://www.iso.org/iso-3166-country-codes.html">https://www.iso.org/iso-3166-country-codes.html</a> <a href="https://www.iso.org/obp/ui/#search">https://www.iso.org/obp/ui/#search</a>
T	<b>Ort der Probennahme</b> <b>Location of sampling</b> (e.g.: 1234)	In this field, enter the QS site number of the sample location. A plausibility check is carried out during upload.
U	<b>Probeort</b> <b>Place of sampling</b> (e.g.: 2)	Enter the corresponding code for the sample location: 1 = Field 2 = Inventory 3 = Goods receipt 4 = Goods issue
V	<b>Erzeuger</b> <b>Producer</b> (e.g.: 2345)	The QS location number of the producer location must be entered here. A plausibility check is carried out during upload.
W	<b>Inverkehrbringer</b> <b>Distributor</b> (e.g.: 2345)	The QS location number of the distributor must be entered here. A plausibility check is carried out during upload.
X	<b>Ablader</b> <b>Discharger</b> (e.g.: 2345)	<b>free text-field</b> Enter the discharger as an option here.
Y	<b>Artikelnummer</b> <b>Article number</b> (e.g.: Article 1)	<b>free text-fields</b> Enter the article number as an option here.
Z	<b>Kulturart</b> <b>Type of cultivating</b> (e.g.: 2)	The type of crop shall be indicated as a code: 1 = Greenhouse 2 = Greenhouse/cut production 3 = Greenhouse/pot production 4 = Field grown 5 = Field grown/cut production 6 = Field grown/pot production 10 = Type of cultivation unknown

AA	<b>Palettenkennzeichnung</b> <b>Indification of pallets</b>	<b>free text-field</b> Enter the indification of pallets as an option here.
AB	<b>Losnummer</b> <b>Batch (traceability) number</b>	<b>Mandatory field:</b> Enter a batch (traceability) number here. This can be, for example, a field number, a field description, or GPS data for samples at the production stage, or a batch number for samples at the wholesale stage.
AC	<b>Besonderheiten</b> <b>Specifics</b>	<b>free text-field</b> Enter the specifics of the sample as an option here
AD	<b>Bio</b> <b>Bio</b>	This column is optional. If the sample is an organic sample, please enter an "x". If nothing is entered in this column, the sample is not an organic product.
AE	<b>QS Probe</b> <b>QS sample</b>	This column must be used when differentiating between a QS and a DKHV sample for a potato or onion sample at the wholesale stage.  If a potato or onion sample is a DKHV sample <b>AND</b> a QS sample, please enter an "x" here. If no entry is made in this column in the case of DKHV samples, then these are <b>pure</b> DKHV samples and not QS samples.
AF	<b>DKHV Probe</b> <b>DKHV sample</b>	This column must be used when differentiating between a QS and a DKHV sample for a potato or onion sample at the wholesale stage.  If a potato or onion sample is a DKHV sample, insert it here according to the DKHV ripening groups legend. If no entry is made in this column, the samples are not DKHV samples.

## 4 Annex

### 4.1 Productnumber-Codes

Number	Name	Produktgruppe
120010	almond	Nüsse
130010	apple	Kernobst
140010	apricot	Steinobst
270050	artichoke	Fruchtgemüse
231030	aubergine	Fruchtgemüse
163010	avocado	Exoten
251080	baby leaf	Blattgemüse
256990/2	balm / lemon balm	Kräuter
270080	bamboo shoots	Stängelgemüse
163020	banana	Exoten
256080	basil	Kräuter
256090	bay leaves	Kräuter
300010	beans (dried)	Hülsenfrüchte
260010	beans (with pods)	Hülsenfrüchte
260020	beans (without pods)	Hülsenfrüchte
213010	beetroot	Wurzel- und Knollengemüse
213090	black salsify	Wurzel- und Knollengemüse
153010	blackberry	Beerenobst
151010/2	blue table grape	Tafeltrauben
120020	brazil nut	Nüsse
163090	bread fruit; jackfruit	Exoten
241010	broccoli	Kohlgemüse
242010	Brussels sprouts	Kohlgemüse



232030/0 02	Calabash (e.g. Calabash)	Fruchtgemüse
231020	capsicum	Fruchtgemüse
161050	carambola	Exoten
256030/5	caraway leaves	Kräuter
213020/1	carrot (bulk goods)	Wurzel- und Knollenge- müse
213020	carrot (bunch)	Wurzel- und Knollenge- müse
120030	cashew nut	Nüsse
212010	cassava (dasheen, eddoe (japanese taro), tannia, manioc)	Exoten
241020	cauliflower (romanesco)	Kohlgemüse
213030	celeriac	Wurzel- und Knollenge- müse
270030	celery	Stängelgemüse
256030/2	celery leaves; sorrel	Kräuter
252030	chard	Blattgemüse
163060	cherimoya; rambutan	Exoten
256010	chervil	Kräuter
120040	chestnut	Nüsse
255000	chicory	Blattgemüse
231020/1	chili peppers	Fruchtgemüse
243010	chinese cabbage (indian (chinese) mustard, pak choi)	Kohlgemüse
256020	chive	Kräuter
120050	coconut	Exoten
251000	coloured lettuce (lollo, leaf-oak, batavia) (greenhouse)	Blattgemüse
0251000/ 1	coloured lettuce (lollo, leaf-oak, batavia) (outdoor)	Blattgemüse
256030/3	coriander	Kräuter
234001	Corn (popcorn corn)	Halm- und Körner- früchte
234000	Corn (sweet corn)	Halm- und Körner- früchte
232030	courgette	Fruchtgemüse
154010/1	cowberry	Beerenobst
154020	cranberry	Beerenobst
232010	cucumber	Fruchtgemüse
154010	cultivated blueberry	Beerenobst
280010	cultivated fungi (common mushroom, oyster mushroom, shi- take)	Kultur-Pilze
154030	currant (red, black, white)	Beerenobst
161010	date	Exoten
153020	dewberry (loganberry)	Beerenobst
256030/1	dill	Kräuter
163100	durian	Exoten
631000	edible flowers	Kräuter
154080	elderberries (wild rowan berry)	Sonstiges
251030	escarole (radicchio, endivie, ...)	Blattgemüse
270040	fennel	Stängelgemüse
161020	fig	Exoten
251040	garden cress	Blattgemüse
220010	garlic	Zwiebelgemüse
220010/1	garlic (fresh)	Zwiebelgemüse
232020	gherkin	Fruchtgemüse
213040/1	ginger	Wurzel- und Knollenge- müse
252020/1	Glassworts	Stängelgemüse
154040	gooseberry	Beerenobst

110010	grapefruit (shaddocks, pomelos, sweeties, tangelo, ugli and other hybrids)	Zitrusfrüchte
270010/2	green asparagus	Stängelgemüse
151010/1	green table grape	Tafeltrauben
163070	guava	Exoten
120060	hazelnut	Nüsse
251020/1	head lettuce (greenhouse)	Blattgemüse
251020	head lettuce (outdoor)	Blattgemüse
213040	horseradish	Wurzel- und Knollengemüse
251020/3	iceberg lettuce (greenhouse)	Blattgemüse
251020/2	iceberg lettuce (outdoor)	Blattgemüse
154010/2	josta berry	Beerenobst
161060	kaki; japanese persimmons	Exoten
243020	kale	Kohlgemüse
162010	kiwi	Exoten
151010/3	kiwi berry	Sonstiges
244000/1	kohlrabi (greenhouse)	Kohlgemüse
244000	kohlrabi (outdoor)	Kohlgemüse
243020/1	kohlrabi leaves	Sonstiges
161040	kumquat	Exoten
251010/1	lamb's lettuce (greenhouse)	Blattgemüse
251010	lamb's lettuce (outdoor)	Blattgemüse
270060	leek	Stängelgemüse
110030	lemon	Zitrusfrüchte
300020	lentil (dried)	Hülsenfrüchte
251020/8	lettuce (romaine; outdoor)	Blattgemüse
110040	lime	Zitrusfrüchte
130050	loquats / japanese medlars	Kernobst
256030/4	lovage	Kräuter
162020	lychee	Exoten
120070	macadamia	Nüsse
110050	mandarins (clementine, tangerine and other hybrids)	Zitrusfrüchte
163030	mango	Exoten
162030	maracuja; passionfruit (granadilla)	Exoten
256070/1	marjoram	Kräuter
130040	medlar	Kernobst
233010	melon (muskmelon, kiwano)	Fruchtgemüse
256080/1	mint	Kräuter
251080/1	mizuna (leaves and sprouts of brassica spp)	Sonstiges
154060	mulberry	Beerenobst
233020/01	Musky gourd (e.g. Butternut)	Fruchtgemüse
130020/1	nashi pear	Kernobst
140030	nectarine	Steinobst
231040	okra	Fruchtgemüse
161030	olive	Sonstiges
220020	onion	Zwiebelgemüse
220020/1	onions (silverskin onions)	Zwiebelgemüse
110020	orange	Zitrusfrüchte
256070/2	oregano	Kräuter
220990	other bulb vegetables	Zwiebelgemüse
153990	other cane fruits	Beerenobst
241990	other cauliflower	Kohlgemüse
280990	other cultivated fungi	Kultur-Pilze
232990	other curcubits - edible peel	Fruchtgemüse
233990	other curcubits - inedible peel	Fruchtgemüse

256990	other fresh herbs	Kräuter
242990	other head cabbages	Kohlgemüse
163990	other large fruits - inedible peel	Sonstiges
243990	other leafy brassica	Kohlgemüse
260990	other legumes - fresh	Hülsenfrüchte
300990	other legumes, dried	Hülsenfrüchte
251990	other lettuces, other salad varieties incl. brassicaceae	Blattgemüse
161990	other mescellaneous fruits - edible peel	Sonstiges
120990	other nuts (shelled/unshelled)	Nüsse
213990	other root and tuber vegetables except sugar beet	Wurzel- und Knollengemüse
162990	other small fruits - inedible peel	Sonstiges
231990	other solanaceae	Fruchtgemüse
252990	other spinach and similar leaves	Blattgemüse
251080/9	other sprouts and shoots	Sonstiges
270990	other stem vegetables (fresh)	Stängelgemüse
140990	other stone fruits	Steinobst
212990	other tropical root and tuber vegetables	Sonstiges
110990	others citrus fruit	Zitrusfrüchte
130990	others pome fruits	Kernobst
154990	others small fruit and berries	Sonstiges
163040	papaya; tamarillo	Exoten
256040	parsley	Kräuter
256040/1	parsley (pot)	Kräuter
213070	parsley root	Wurzel- und Knollengemüse
213060	parsnip	Wurzel- und Knollengemüse
140030/1	peach	Steinobst
401020	peanuts	Nüsse
130020	pear	Kernobst
300030	peas (dried)	Hülsenfrüchte
260030	peas (with pods)	Hülsenfrüchte
260040	peas (without pods)	Hülsenfrüchte
120080	pecans	Nüsse
231010/1	physalis/cape gooseberry	Fruchtgemüse
120090	pine nuts	Nüsse
163080	pineapple	Exoten
120100	pistachio	Nüsse
140040	plum (reneclaude, mirabelle)	Steinobst
242020/4	pointed cabbage	Kohlgemüse
163050	pomegranate	Exoten
211000	potato	Kartoffeln
999999	preparation	
162040	prickly pear; cactus fruit; pitaya	Exoten
500020	Pseudocereals (Amaranth, Buckwheat, Chia seeds, Quinoa)	Halm- und Körnerfrüchte
233020/03	Pumpkin (giant) (e.g. Hokkaido)	Fruchtgemüse
233020/1	Pumpkin (others)	Fruchtgemüse
252020	purslane (winter purslane (miner's lettuce), glasswort)	Blattgemüse
130030	quince	Kernobst
213080/1	radish (greenhouse)	Wurzel- und Knollengemüse
213080	radish (outdoor)	Wurzel- und Knollengemüse
256990/3	ramson/ wild garlic/ bear's garlic	Kräuter
153030	raspberry	Beerenobst



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242020	red cabbage	Kohlgemüse
270070	rhubarb	Stängelgemüse
251060	roman rocket / rucola	Blattgemüse
154050	rose hip	Sonstiges
256060	rosemary	Kräuter
256050	sage	Kräuter
256990/1	savory	Kräuter
242020/2	savoy cabbage	Kohlgemüse
22030	shallots	Zwiebelgemüse
213080/3	small radish (greenhouse)	Wurzel- und Knollengemüse
213080/2	small radish (outdoor)	Wurzel- und Knollengemüse
140020/1	sour cherry	Steinobst
252010	spinach	Blattgemüse
220040	spring onion	Zwiebelgemüse
232030/08	Squashes (e.g. Spaghetti squash, Halloween squash, Pattypan squash)	Fruchtgemüse
152000/1	strawberry (greenhouse)	Erdbeeren
152000	strawberry (outdoor)	Erdbeeren
140020	sweet cherry	Steinobst
212020	sweet potato	Exoten
256100	tarragon	Kräuter
256070	thyme	Kräuter
231010	tomato	Fruchtgemüse
213050	topinambur	Wurzel- und Knollengemüse
252010/1	turnip greens	Blattgemüse
253000	vine leaf	Sonstiges
120110	walnut	Nüsse
254000	water cress (water convolvulus, water clovers, water mimosas)	Blattgemüse
233030	watermelon	Fruchtgemüse
270010/1	white asparagus	Stängelgemüse
242020/3	white cabbage	Kohlgemüse
213110	white turnip; turnip; swedes	Wurzel- und Knollengemüse
280020	wild fungi (morels, chanterelle)	Kultur-Pilze
212030	yams	Exoten

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