



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	Proben-ID Sample-ID (e.g.: GH00000XXX- 42924639)	Mandatory field: 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	Probenarten Type of sample <i>e.g.: 2)</i>	Mandatory field: 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
C	QS-Standortnummer QS location number <i>(e.g.: GH00000XXX)</i>	Free text-field: This field must contain the location number of the sampled location. A plausibility check is carried out during upload.
D	Produktionsart Production scope <i>(e.g.: 82)</i>	Mandatory field: 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 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	Auftraggebername QS-ID customer <i>(e.g.: Company Schmidt)</i>	Information field: 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)
F	QS-ID Labor QS-ID Laboratory	Mandatory field:



		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	Probenehmer Sampler	Mandatory field: UserID (Login) of the sampler
H	Produkt_Nr. Product number <i>(e.g.: 250144/02)</i>	Mandatory field: The codes of the corresponding product number can be found in Appendix 4.1.
I	Produkt_Name Product name	Information field: Field of information for download. During upload leave this field blank.
J	Sorte Variety	Free text field: Enter the variety of the culture as an option here
K	Prüfspektren Test spectrum <i>(e.g.: 101:113)</i>	Mandatory field: 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 (SO2) 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 201 = Sondermethode GC 213 = Sondermethode LC



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		<p>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>Probenahmedatum Sampling Date <i>(e.g.: 26.09.2007)</i></p>	<p>Mandatory field: Date of sampling (DD.MM.YYYY).</p>
M	<p>Probenahmeuhrzeit Time of sampling <i>(e.g.: 09:00)</i></p>	<p>Mandatory field: Time of sampling (hh:mm)</p>
N	<p>Probemenge Value of sampling <i>(z.B. 2,00)</i></p>	<p>Mandatory field: Indication of the volume of sample in kg.</p>
O	<p>Einheit Probemenge Unit sample volume</p>	<p>Mandatory field: Currently, the indication is only possible in kg, only.</p>
P	<p>Herkunftsstaat Sate of origin <i>(e.g.: 276)</i></p>	<p>Mandatory field: 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: https://www.iso.org/iso-3166-country-codes.html https://www.iso.org/obp/ui/#search</p>
Q	<p>Bundesland_ID Federal State ID <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 15 = Sachsen-Anhalt 16 = Thüringen</p>
R	<p>Bundeslandname Name of federal state <i>(e.g.: Sachsen)</i></p>	<p>Information field: Field of information for download. During upload leave this field blank.</p>



S	Bestimmungsstaat State of determination <i>(e.g.: France)</i>	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 <i>Further country codes can be found at: https://www.iso.org/iso-3166-country-codes.html https://www.iso.org/obp/ui/#search</i>
T	Ort der Probennahme Location of sampling <i>(e.g.: 1234)</i>	In this field, enter the QS site number of the sample location. A plausibility check is carried out during upload.
U	Probeort Place of sampling <i>(e.g.: 2)</i>	Enter the corresponding code for the sample location: 1 = Field 2 = Inventory 3 = Goods receipt 4 = Goods issue
V	Erzeuger Producer <i>(e.g.: 2345)</i>	The QS location number of the producer location must be entered here. A plausibility check is carried out during upload.
W	Inverkehrbringer Distributor <i>(e.g.: 2345)</i>	The QS location number of the distributor must be entered here. A plausibility check is carried out during upload.
X	Ablader Discharger <i>(e.g.: 2345)</i>	free text-field Enter the discharger as an option here.
Y	Artikelnummer Article number <i>(e.g.: Article 1)</i>	free text-fields Enter the article number as an option here.
Z	Kulturart Type of cultivating <i>(e.g.: 2)</i>	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	Palettenkennzeichnung Indification of pallets	free text-field Enter the indication of pallets as an option here.
AB	Losnummer	Mandatory field:



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	Batch (traceability) number	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	Besonderheiten Specifics	free text-field Enter the specifics of the sample as an option here
AD	Bio Bio	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	QS Probe QS sample	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 AND 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 pure DKHV samples and not QS samples.
AF	DKHV Probe DKHV sample	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

Product	Code Number
almond	120010
apple	130010
apricot	140010
artichoke	270050
aubergine	231030
avocado	163010
baby leaf	251080
bamboo graft	270080
banana	163020
basil	256080
bay leaves	256090
beans - dried	300010
beans (with pods)	260010
beans (without pods)	260020
beetroot	213010
blackberry	153010
blue table grape	151010/2
brazil nut	120020

Product	Code Number
bread fruit; jackfruit	163090
broccoli	241010
brussels sprouts	242010
capsicum	231020
carambola	161050
caraway	256030/5
carrot (bulk goods)	213020/1
carrot (bunch)	213020
cashew nut	120030
cassava (dasheen, eddoe (japanese taro), tannia, manioc)	212010
cauliflower (romanesco)	241020
celeriac	213030
celery	270030
celery leaves; sorrel	256030/2
chard	252030
cherimoya; rambutan	163060
chervil	256010
chestnut	120040
chicory	255000
chili peppers	231020/1
chinese cabbage (indian (chinese) mustard, pak choi)	243010
chive	256020
coconut	120050
coloured lettuce (lollo, leaf-oak, batavia) (greenhouse)	251000
coloured lettuce (lollo, leaf-oak, batavia) (outdoor)	0251000/1
coriander	256030/3
courgette	232030
cowberry	154010/1
cranberry	154020
cucumber	232010
cultivated blueberry	154010
cultivated fungi (common mushroom, oyster mushroom, shi-take)	280010



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Product	Code Number
currant (red, black, white)	154030
date	161010
dewberry (loganberry)	153020
dill	256030/1
durian	163100
edible flowers	631000
elderberries (wild rowan berry)	154080
fennel	270040
fig	161020
garden cress	251040
garlic	220010
gherkin	232020
gooseberry	154040
grapefruit (shaddocks, pomelos, sweeties, tangelo, ugli and other hybrids)	110010
green asparagus	270010/2
green table grape	151010/1
guava	163070
hazelnut	120060
head lettuce (greenhouse)	251020/1
head lettuce (outdoor)	251020
horseradish	213040
iceberg lettuce (greenhouse)	251020/3
iceberg lettuce (outdoor)	251020/2
josta berry	154010/2
kaki; japanese persimmons	161060
kale	243020
kiwi	162010
kiwi berry	151010/3
kohlrabi (greenhouse)	244000/1
kohlrabi (outdoor)	244000
kohlrabi leaves	243020/1
kumquat	161040
lamb's lettuce (greenjouse)	251010/1
lamb's lettuce (outdoor)	251010

Product	Code Number
leek	270060
lemon	110030
lentil (dried)	300020
lettuce (romaine; indoor)	251020/10
lettuce (romaine; outdoor)	251020/8
lime	110040
litchi	162020
loquat	130050
lovage	256030/4
macadamia	120070
mandarins (clementine, tangerine and other hybrids)	110050
mango	163030
maracuja; passionfruit (granadilla)	162030
marjoram	256070/1
medlar	130040
melissa	256990/2
melon (muskmelon, kiwano)	233010
mint	256080/1
mizuna (leaves and sprouts of brassica spp)	251080/1
morello cherry	140020/1
mulberry	154060
nashi pear	130020/1
nectarine	140030
okra	231040
olive	161030
onion	220020
onions (silverskin onions)	220020/1
orange	110020
oregano	256070/2
other fresh herbs	256990
other leavy brassica	243990
other lettuces, other salad plants incl. brassicacea	251990
other nuts (shelled/unshelled)	120990
other pulses - fresh	260990



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Product	Code Number
other spinach and similar leaves	252990
other sprouts and shoots	251080/9
other stem vegetables (fresh)	270990
others bulb vegetables	220990
others cane fruits	153990
others citrus fruit	110990
others cultivated fungi	280990
others cucurbits - edible peel	232990
others cucurbits - inedible peel	233990
others flowering brassica	241990
others head brassica	242990
others miscellaneous fruits - edible peel	161990
others other root and tuber vegetables except sugar beet	213990
others other small fruit and berries	154990
others pome fruits	130990
others pulses - dried	300990
others small fruits - inedible peel	162990
others solanaceae	231990
others stone fruits	140990
others tropical root and tuber vegetables	212990
others, large fruits - inedible peel	163990
papaya; tamarillo	163040
parsley	256040
parsley (pot)	256040/1
parsley root	213070
parsnip	213060
pea (with pods)	260030
pea (without pods)	260040
peach	140030/1
peanut	401020
pear	130020
peas - dried	300030
pecan	120080
physalis/cape gooseberry	231010/1
pieplant	270070



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Product	Code Number
pine nuts	120090
pineapple	163080
pistachio	120100
plum	140040
pointed cabbage	242020/4
pomegranate	163050
potato	211000
preparation	999999
prickly pear; cactus fruit; pitaya	162040
pumpkin	233020
purslane (winter purslane (miner's lettuce), glasswort)	252020
quince	130030
radish (greenhouse)	213080/1
radish (outdoor)	213080
raspberry	153030
red cabbage	242020
roquette	251060
rose hip	154050
rosemary	256060
sage	256050
savoy cabbage	242020/2
scarole (radicchio, endivie, ...)	251030
shallots	22030
small radish (greenhouse)	213080/3
small radish (outdoor)	213080/2
spinach	252010
spring onion	220040
strawberry (greenhouse)	152000/1
strawberry (outdoor)	152000
summer savory	256990/1
sweet cherry	140020
sweet corn	234000
sweet potato	212020



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Product	Code Number
terragon	256100
thyme	256070
tomato	231010
topinambur	213050
turnip greens	252010/1
vine leaf	253000
viper's grass	213090
walnut	120110
water cress (water convolvulus, water clovers, water mimosas)	254000
watermelon	233030
wheat germ bud	250214
white asparagus	270010/1
white cabbage	242020/3
white turnip; turnip; swedes	213110
wild fungi (morels, chanterelle)	280020
wood garlic	256990/3
yams	212030



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