



Food Chemistry (QFCS) FC5005 - AGQ USA Individual Report

Round: 254

Issue Number 1

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Sample Details

Samples were despatched on 19 June 2017
Reporting deadline was 14 July 2017

The following samples were despatched in QFCS Round 254:

770:	Oat based breakfast cereal
771:	Oat based breakfast cereal
772:	Cottage pie 'ready to eat' meal
773:	Kiwi fruit
774:	Cured meat
778:	Corn oil
780:	Dried green tea
784	Ground oats
789	Organic brown basmati rice
791	Olive oil
792	Courgette
793	Chocolate cake

Further information regarding assigned values, performance assessment and technical comments can be found under the individual sample and analyte results.

Individual Report

This individual report contains a summary of all the results submitted and the performance assessments for your laboratory and your individual analysts. Please note that nominated laboratory results are represented by a blue highlight in the analyst box.

Data statistics given in the individual report are for the method you have used for each analyte. Further detail can be obtained from the main report.

Full details of the scheme, sample types, analytes and data analysis can be found in the corresponding Main Report, along with any technical comments, if applicable. The Main Report is the definitive version.

If you have any questions regarding your results which are not answered in the Main Report, please contact us using the details on the front of the report. If you would like to order any samples for re-test, please contact our customer service department or your local office.

Results Summary

Sample	Results Reported	Satisfactory Results	Questionable Results	Unsatisfactory Results	Not Assessed [^]
780 - Metals in tea matrix	5	5	0	0	0
Round Total	5	5	0	0	0

[^] Results which are Not Assessed should be reviewed by comparing them with the assigned value and other relevant statistics given in the main report. Participants, according to their internal quality criteria, may consider Not Assessed results to be satisfactory, questionable or unsatisfactory. Further information regarding why results may not be assessed is given in the Scheme Information section of the main report.

Please note surplus PT samples are available as QC materials once the round has closed. These samples can be purchased at a reduced rate if you have taken this sample during the main round.

No unsatisfactory results in this round

No questionable results in this round

780 - Metals in tea matrix#

Analyte	Analyst	Method	Result	Units	z score (** z' score)	Assigned Value	Ux AV	SDPA	Exp.SDPA	No of results	Median	Mean	Robust SD	SD
Total arsenic	Lab Result	ICP-MS	0.69	mg/kg	-0.18	0.71	0.03	0.111	N/A	14	0.71	0.73	0.052	0.102
Cadmium	Lab Result	ICP-MS	1.81	mg/kg	0.48	1.71	0.05	0.208	N/A	14	1.73	1.61	0.163	0.235
Mercury	Lab Result	ICP-MS	0.31	mg/kg	0.00	0.31	0.02	0.082	N/A	11	0.32	0.29	0.030	0.103
Lead	Lab Result	ICP-MS	1.47	mg/kg	0.54	1.39	0.04	0.148	N/A	14	1.41	1.40	0.104	0.158
Selenium	Lab Result	ICP-MS	0.81	mg/kg	0.27 **	0.75	0.07	0.215	0.226	11	0.85	0.91	0.326	0.228

This is not included in our UKAS scope of accreditation

** Please note, participant performance for this analyte has been assessed using a z' score, rather than a z score, in order to account for the measurement uncertainty of the assigned value which is not negligible when compared to the SDPA.