



Soft Drinks & Fruit Juice (QBS) BV7669 - Aoxlab Individual Report

Round: 259

Issue Number 1

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Sample Details

Samples were despatched on 20 November 2017
The reporting deadline was 18 December 2017

The following samples were distributed in QBS Round 259:

Sample	Matrix	Contents
500	Lyophilised vial with fruit juice diluent	<i>Escherichia coli</i> <i>Candida albicans</i> <i>Aspergillus brasiliensis</i> <i>Leuconostoc mesenteroides</i>
501	Lyophilised vial with soft drink diluent	<i>Escherichia coli</i> <i>Candida albicans</i> <i>Aspergillus brasiliensis</i> <i>Leuconostoc mesenteroides</i>
505	Lyophilised vial	<i>Escherichia coli</i> <i>Leuconostoc citreum</i> <i>Penicillium chrysogenum</i>
510	Fruit juice	
514	Ascorbic acid solution	
515	Carbonated fruit drink	
516A	Soft drink simulant	
516B	Soft drink simulant	
517A	Dilutable/ready to drink simulant	
517B	Dilutable/ready to drink simulant	
519	Soft drink simulant	
524	Carbonated water	

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 [^]
500 - Fruit Juice	5	1	0	4	0
Round Total	5	1	0	4	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.

For the following analytes you obtained an unsatisfactory result:

Sample	Analyte
500 - Fruit Juice	Total aerobic mesophilic count
500 - Fruit Juice	Yeast
500 - Fruit Juice	Mould
500 - Fruit Juice	Lactic acid bacteria

No questionable results in this round

500 - Fruit Juice

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 aerobic mesophilic count	LVLS	PCA PP 30	1,200,000	cfu/ml	6.07	9,000	0.04	0.35	N/A	28	3.98	4.06	0.22	0.54
Yeast	LVLS	Other	102,000	cfu/ml	5.06	1,730	0.07	0.35	N/A	35	3.25	3.28	0.44	0.49
Mould	LVLS	Other	5,000	cfu/ml	3.05	429	0.06	0.35	N/A	34	2.68	2.91	0.30	0.51
Lactic acid bacteria	LVLS	MRS PP 30	1,075,000	cfu/ml	7.04	3,707	0.07	0.35	N/A	19	3.66	3.79	0.44	0.54

Analyte	Test	Analyst	Method	Result	Assigned Value	No of results	Satisfactory %
Escherichia coli	Result	LVLS	MPN	Detected	Detected	37	97.3

** 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.