



12423 NE Whitaker Way
 Portland, OR 97230
 503-254-1794



Report Number: 22-005446/D006.R000
Report Date: 05/19/2022
ORELAP#: OR100028
Purchase Order:
Received: 05/11/22 13:58

Customer: Lifted Made
Product identity: Sour Blueberry
Client/Metric ID: .
Laboratory ID: 22-005446-0002

Summary

Potency:

Analyte	Result	Limits	Units	Status	
CBD	0.00956		%		THC-Total per 3.75g 9.00 mg/3.75g
Δ9-THC	0.240		%		
Analyte per 3.75g					CBD-Total per 3.75g 0.359 mg/3.75g
CBD per 3.75g	0.359		mg/3.75g		(Reported in milligrams per serving)
Δ9-THC per 3.75g	9.00		mg/3.75g		

Residual Solvents:

All analytes passing and less than LOQ.

Metals:

Less than LOQ for all analytes.

Microbiology:

Less than LOQ for all analytes.



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Customer: Lifted Made
 43360 N US HWY 41 Unit H
 Zion Illinois 60099
 United States of America (USA)

Product identity: Sour Blueberry

Client/Metric ID: .

Sample Date:

Laboratory ID: 22-005446-0002

Evidence of Cooling: No

Temp: 25 °C

Relinquished by: FedEx

Serving Size #1: 3.75 g

Sample Results

Potency	Method J AOAC 2015 V98-6 (mod)	Units %	Batch: 2204102	Analyze: 5/12/22 9:34:00 PM	
Analyte	Result	Limits	Units	LOQ	Notes
CBC	< LOQ		%	0.0032	
CBC-A†	< LOQ		%	0.0032	
CBC-Total†	< LOQ		%	0.0061	
CBD	0.00956		%	0.0032	
CBD-A	< LOQ		%	0.0032	
CBD-Total	0.00956		%	0.0061	
CBDV†	< LOQ		%	0.0032	
CBDV-A†	< LOQ		%	0.0032	
CBDV-Total†	< LOQ		%	0.0060	
CBE†	< LOQ		%	0.0032	
CBG†	< LOQ		%	0.0032	
CBG-A†	< LOQ		%	0.0032	
CBG-Total	< LOQ		%	0.0060	
CBL†	< LOQ		%	0.0032	
CBL-A†	< LOQ		%	0.0032	
CBL-Total†	< LOQ		%	0.0061	
CBN	< LOQ		%	0.0032	
CBT†	< LOQ		%	0.0032	
Δ8-THCV	< LOQ		%	0.0032	
Δ8-THC	< LOQ		%	0.0032	
Δ9-THC	0.240		%	0.0032	
exo-THC	< LOQ		%	0.0032	
THC-A	< LOQ		%	0.0032	
THC-Total	0.240		%	0.0061	
THCV†	< LOQ		%	0.0032	
THCV-A†	< LOQ		%	0.0032	
THCV-Total†	< LOQ		%	0.0060	
Total Cannabinoids†	0.250		%		



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Potency per 3.75g **Method J AOAC 2015 V98-6 (mod)Units mg/se Batch: 2204102 Analyze: 5/12/22 9:34:00 PM**

Analyte	Result	Limits	Units	LOQ	Notes
CBC per 3.75g [†]	< LOQ		mg/3.75g	0.0322	
CBC-A per 3.75g [†]	< LOQ		mg/3.75g	0.0322	
CBC-Total per 3.75g [†]	< LOQ		mg/3.75g	0.0605	
CBD per 3.75g	0.359		mg/3.75g	0.121	
CBD-A per 3.75g	< LOQ		mg/3.75g	0.0322	
CBD-Total per 3.75g	0.359		mg/3.75g	0.227	
CBDV per 3.75g [†]	< LOQ		mg/3.75g	0.0322	
CBDV-A per 3.75g [†]	< LOQ		mg/3.75g	0.0322	
CBDV-Total per 3.75g [†]	< LOQ		mg/3.75g	0.0602	
CBE per 3.75g [†]	< LOQ		mg/3.75g	0.0322	
CBG per 3.75g [†]	< LOQ		mg/3.75g	0.0322	
CBG-A per 3.75g [†]	< LOQ		mg/3.75g	0.0322	
CBG-Total per 3.75g [†]	< LOQ		mg/3.75g	0.0602	
CBL per 3.75g [†]	< LOQ		mg/3.75g	0.0322	
CBL-A per 3.75g [†]	< LOQ		mg/3.75g	0.0322	
CBL-Total per 3.75g [†]	< LOQ		mg/3.75g	0.0605	
CBN per 3.75g	< LOQ		mg/3.75g	0.0322	
CBT per 3.75g [†]	< LOQ		mg/3.75g	0.0322	
Δ8-THCV per 3.75g [†]	< LOQ		mg/3.75g	0.0322	
Δ8-THC per 3.75g [†]	< LOQ		mg/3.75g	0.0322	
Δ9-THC per 3.75g	9.00		mg/3.75g	0.121	
exo-THC per 3.75g [†]	< LOQ		mg/3.75g	0.0322	
THC-A per 3.75g	< LOQ		mg/3.75g	0.0322	
THC-Total per 3.75g	9.00		mg/3.75g	0.227	
THCV per 3.75g [†]	< LOQ		mg/3.75g	0.0322	
THCV-A per 3.75g [†]	< LOQ		mg/3.75g	0.0322	
THCV-Total per 3.75g [†]	< LOQ		mg/3.75g	0.0606	
Total Cannabinoids per 3.75g	9.36		mg/3.75g		

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Status	Notes
E.coli	< LOQ		cfu/g	10	2204061	05/14/22	AOAC 991.14 (Petrifilm)	X	
Total Coliforms	< LOQ		cfu/g	10	2204061	05/14/22	AOAC 991.14 (Petrifilm)	X	
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2204062	05/15/22	AOAC 2014.05 (RAPID)	X	
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2204062	05/15/22	AOAC 2014.05 (RAPID)	X	



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Solvents												
Residual Solvents by GC/MS												
Units µg/g Batch 2204278 Analyze 05/19/22 11:19 AM												
Analyte	Method	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
1,4-Dioxane		< LOQ	380	100	pass		2-Butanol	< LOQ	5000	200	pass	
2-Ethoxyethanol		< LOQ	160	30.0	pass		2-Methylbutane (Isopentane)	< LOQ		200		
2-Methylpentane		< LOQ		30.0			2-Propanol (IPA)	< LOQ	5000	200	pass	
2,2-Dimethylbutane		< LOQ		30.0			2,2-Dimethylpropane (neo-pentane)	< LOQ		200		
2,3-Dimethylbutane		< LOQ		30.0			3-Methylpentane	< LOQ		30.0		
Acetone		< LOQ	5000	200	pass		Acetonitrile	< LOQ	410	100	pass	
Benzene		< LOQ	2.00	1.00	pass		Butanes (sum)	< LOQ	5000	400	pass	
Cyclohexane		< LOQ	3880	200	pass		Ethyl acetate	< LOQ	5000	200	pass	
Ethyl benzene		< LOQ		200			Ethyl ether	< LOQ	5000	200	pass	
Ethylene glycol		< LOQ	620	200	pass		Ethylene oxide	< LOQ	50.0	20.0	pass	
Hexanes (sum)		< LOQ	290	150	pass		Isopropyl acetate	< LOQ	5000	200	pass	
Isopropylbenzene (Cumene)		< LOQ	70.0	30.0	pass		m,p-Xylene	< LOQ		200		
Methanol		< LOQ	3000	200	pass		Methylene chloride	< LOQ	600	60.0	pass	
Methylpropane (Isobutane)		< LOQ		200			n-Butane	< LOQ		200		
n-Heptane		< LOQ	5000	200	pass		n-Hexane	< LOQ		30.0		
n-Pentane		< LOQ		200			o-Xylene	< LOQ		200		
Pentanes (sum)		< LOQ	5000	600	pass		Propane	< LOQ	5000	200	pass	
Tetrahydrofuran		< LOQ	720	100	pass		Toluene	< LOQ	890	100	pass	
Total Xylenes		< LOQ		400			Total Xylenes and Ethyl benzene	< LOQ	2170	600	pass	

Metals										
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Status	Notes	
Arsenic	< LOQ	0.200	mg/kg	0.0194	2204180	05/16/22	AOAC 2013.06 (mod.)	pass	X	
Cadmium	< LOQ	0.200	mg/kg	0.0194	2204180	05/16/22	AOAC 2013.06 (mod.)	pass	X	
Lead	< LOQ	0.500	mg/kg	0.0194	2204180	05/16/22	AOAC 2013.06 (mod.)	pass	X	
Mercury	< LOQ	0.100	mg/kg	0.00969	2204180	05/16/22	AOAC 2013.06 (mod.)	pass	X	



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These test results are representative of the individual sample selected and submitted by the client.

Abbreviations

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220, CCR title 16-division 42. BCC-section 5723

Limit(s) of Quantitation (LOQ): The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

† = Analyte not NELAP accredited.

Units of Measure

cfu/g = Colony forming units per gram

g = g

µg/g = Microgram per gram

mg/kg = Milligram per kilogram = parts per million (ppm)

mg/3.75g = Milligram per 3.75g

% = Percentage of sample

% wt = µg/g divided by 10,000

Glossary of Qualifiers

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner
General Manager



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Revision: 1 Document ID: 7148
Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

J AOAC 2015 V98-6 **Batch ID: 2204102**

Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes
CBDVA	1	0.0330	0.0332	%	99.2	80.0	- 120	Acceptable	
CBDV	1	0.0337	0.0345	%	97.9	80.0	- 120	Acceptable	
CBE	1	0.0319	0.0334	%	95.7	80.0	- 120	Acceptable	
CBDA	1	0.0355	0.0333	%	106	90.0	- 110	Acceptable	
CBGA	1	0.0330	0.0333	%	99.0	90.0	- 110	Acceptable	
CBG	1	0.0319	0.0333	%	95.7	90.0	- 110	Acceptable	
CBD	1	0.0330	0.0333	%	99.1	80.0	- 120	Acceptable	
THCV	1	0.0398	0.0413	%	96.6	80.0	- 120	Acceptable	
d8THCV	1	0.0235	0.0247	%	95.3	80.0	- 120	Acceptable	
THCVA	1	0.0323	0.0327	%	98.8	80.0	- 120	Acceptable	
CBN	1	0.0337	0.0333	%	101	90.0	- 110	Acceptable	
exo-THC	1	0.0322	0.0331	%	97.2	80.0	- 120	Acceptable	
d9THC	1	0.0342	0.0333	%	103	80.0	- 120	Acceptable	
d8THC	1	0.0310	0.0333	%	93.0	80.0	- 120	Acceptable	
CBL	1	0.0310	0.0329	%	94.3	80.0	- 120	Acceptable	
CBC	1	0.0328	0.0347	%	94.6	80.0	- 120	Acceptable	
THCA	1	0.0361	0.0333	%	108	90.0	- 110	Acceptable	
CBCA	1	0.0322	0.0332	%	96.8	80.0	- 120	Acceptable	
CBLA	1	0.0343	0.0350	%	97.9	80.0	- 120	Acceptable	
CBT	1	0.0307	0.0342	%	89.8	80.0	- 120	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.003	%	< 0.003	Acceptable	
CBDV	<LOQ	0.003	%	< 0.003	Acceptable	
CBE	<LOQ	0.003	%	< 0.003	Acceptable	
CBDA	<LOQ	0.003	%	< 0.003	Acceptable	
CBGA	<LOQ	0.003	%	< 0.003	Acceptable	
CBG	<LOQ	0.003	%	< 0.003	Acceptable	
CBD	<LOQ	0.003	%	< 0.003	Acceptable	
THCV	<LOQ	0.003	%	< 0.003	Acceptable	
d8THCV	<LOQ	0.003	%	< 0.003	Acceptable	
THCVA	<LOQ	0.003	%	< 0.003	Acceptable	
CBN	<LOQ	0.003	%	< 0.003	Acceptable	
exo-THC	<LOQ	0.003	%	< 0.003	Acceptable	
d9THC	<LOQ	0.003	%	< 0.003	Acceptable	
d8THC	<LOQ	0.003	%	< 0.003	Acceptable	
CBL	<LOQ	0.003	%	< 0.003	Acceptable	
CBC	<LOQ	0.003	%	< 0.003	Acceptable	
THCA	<LOQ	0.003	%	< 0.003	Acceptable	
CBCA	<LOQ	0.003	%	< 0.003	Acceptable	
CBLA	<LOQ	0.003	%	< 0.003	Acceptable	
CBT	<LOQ	0.003	%	< 0.003	Acceptable	

Abbreviations

ND - None Detected at or above MRL
RPD - Relative Percent Difference
LOQ - Limit of Quantitation

Units of Measure:

% - Percent



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Revision: 1 Document ID: 7148
Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

J AOAC 2015 V98-6		Batch ID: 2204102						
Sample Duplicate		Sample ID: 22-005395-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBG	0.00594	0.00539	0.003	%	9.70	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d9THC	0.243	0.222	0.003	%	9.34	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
BCA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d9THCO	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	

Abbreviations

ND - None Detected at or above MRL
RPD - Relative Percent Difference
LOQ - Limit of Quantitation

Units of Measure:



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Revision: Document ID:
 Legacy ID: Effective:

Laboratory Quality Control Results

Residual Solvents				Batch ID: 2204278					
Method Blank				Laboratory Control Sample					
Analyte	Result	LOQ	Notes	Result	Spike	Units	% Rec	Limits	Notes
Propane	ND	< 200		453	572	µg/g	79.2	60 - 120	
Isobutane	ND	< 200		688	731	µg/g	94.1	60 - 120	
Butane	ND	< 200		665	731	µg/g	91.0	60 - 120	
2,2-Dimethylpropane	ND	< 200		779	936	µg/g	83.2	60 - 120	
Methanol	ND	< 200		1490	1620	µg/g	92.0	60 - 120	
Ethylene Oxide	ND	< 30		50.2	56.2	µg/g	89.3	60 - 120	
2-Methylbutane	ND	< 200		1540	1620	µg/g	95.1	60 - 120	
Pentane	ND	< 200		1520	1610	µg/g	94.4	60 - 120	
Ethanol	ND	< 200		1630	1630	µg/g	100.0	70 - 130	
Ethyl Ether	ND	< 200		1510	1620	µg/g	93.2	60 - 120	
2,2-Dimethylbutane	ND	< 30		162	174	µg/g	93.1	60 - 120	
Acetone	ND	< 200		1390	1650	µg/g	84.2	60 - 120	
2-Propanol	ND	< 200		1470	1610	µg/g	91.3	60 - 120	
Acetonitrile	ND	< 100		475	498	µg/g	95.4	60 - 120	
2,3-Dimethylbutane	ND	< 30		164	176	µg/g	93.2	60 - 120	
Dichloromethane	ND	< 60		528	510	µg/g	103.5	60 - 120	
2-Methylpentane	ND	< 30		164	176	µg/g	93.2	60 - 120	
3-Methylpentane	ND	< 30		158	175	µg/g	90.3	60 - 120	
Hexane	ND	< 30		161	177	µg/g	91.0	60 - 120	
Ethyl acetate	ND	< 200		1460	1630	µg/g	89.6	60 - 120	
2-Butanol	ND	< 200		1610	1620	µg/g	99.4	60 - 120	
Tetrahydrofuran	ND	< 100		457	500	µg/g	91.4	60 - 120	
Cyclohexane	ND	< 200		1440	1620	µg/g	88.9	60 - 120	
Benzene	ND	< 1		4.34	5.32	µg/g	81.6	60 - 120	
Isopropyl Acetate	ND	< 200		1340	1620	µg/g	82.7	60 - 120	
Heptane	ND	< 200		1370	1770	µg/g	77.4	60 - 120	
1,4-Dioxane	ND	< 100		442	504	µg/g	87.7	60 - 120	
2-Ethoxyethanol	ND	< 30		134	181	µg/g	74.0	60 - 120	
Ethylene Glycol	ND	< 200		286	494	µg/g	57.9	60 - 120	Q6
Toluene	ND	< 100		408	491	µg/g	83.1	60 - 120	
Ethylbenzene	ND	< 200		749	973	µg/g	77.0	60 - 120	
m,p-Xylene	ND	< 200		742	996	µg/g	74.5	60 - 120	
o-Xylene	ND	< 200		735	973	µg/g	75.5	60 - 120	
Cumene	ND	< 30		128	170	µg/g	75.3	60 - 120	



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Revision: Document ID:
Legacy ID: Effective:

QC - Sample Duplicate			Sample ID: 22-005427-0001					
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Accept/Fail	Notes
Propane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Isobutane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Butane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2,2-Dimethylpropane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Methanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethylene Oxide	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2-Methylbutane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Pentane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethyl Ether	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2,2-Dimethylbutane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Acetone	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2-Propanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Acetonitrile	ND	ND	100	µg/g	0.0	< 20	Acceptable	
2,3-Dimethylbutane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Dichloromethane	ND	ND	60	µg/g	0.0	< 20	Acceptable	
2-Methylpentane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
3-Methylpentane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Hexane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Ethyl acetate	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2-Butanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Tetrahydrofuran	ND	ND	100	µg/g	0.0	< 20	Acceptable	
Cyclohexane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Benzene	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Isopropyl Acetate	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Heptane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
1,4-Dioxane	ND	ND	100	µg/g	0.0	< 20	Acceptable	
2-Ethoxyethanol	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Ethylene Glycol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Toluene	ND	ND	100	µg/g	0.0	< 20	Acceptable	
Ethylbenzene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
m,p-Xylene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
o-Xylene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Cumene	ND	ND	30	µg/g	0.0	< 20	Acceptable	

Abbreviations

ND - None Detected at or above MRL
RPD - Relative Percent Difference
LOQ - Limit of Quantitation
Q6 - Quality control outside QC limits. Data acceptable based on remaining QC.

Units of Measure:

µg/g - Microgram per gram or ppm



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Portland, OR 97230
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Report Number: 22-005446/D006.R000
Report Date: 05/19/2022
ORELAP#: OR100028
Purchase Order:
Received: 05/11/22 13:58





12423 NE Whitaker Way
 Portland, OR 97230
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Explanation of QC Flag Comments:

Code	Explanation
Q	Matrix interferences affecting spike or surrogate recoveries.
Q1	Quality control result biased high. Only non-detect samples reported.
Q2	Quality control outside QC limits. Data considered estimate.
Q3	Sample concentration greater than four times the amount spiked.
Q4	Non-homogenous sample matrix, affecting RPD result and/or % recoveries.
Q5	Spike results above calibration curve.
Q6	Quality control outside QC limits. Data acceptable based on remaining QC.
R	Relative percent difference (RPD) outside control limit.
R1	RPD non-calculable, as sample or duplicate results are less than five times the LOQ.
R2	Sample replicates RPD non-calculable, as only one replicate is within the analytical range.
LOQ1	Quantitation level raised due to low sample volume and/or dilution.
LOQ2	Quantitation level raised due to matrix interference.
B	Analyte detected in method blank, but not in associated samples.
B1	The sample concentration is greater than 5 times the blank concentration.
B2	The sample concentration is less than 5 times the blank concentration.