



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

**Report Number:** 19-015272/D01.R01  
**Report Date:** 01/06/2020  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 12/16/19 11:00

**Product identity:** E0101 CBDI99  
**Client/Metric ID:**  
**Sample Date:** 12/13/19 11:00  
**Laboratory ID:** 19-015272-0001  
**Relinquished by:** Received By Mail  
**Temp:** 17.7 °C

### Sample Results

Solvents		Method EPA5021A				Units µg/g	Batch 1911445	Analyze 12/18/19 10:28 AM			
Analyte	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	< LOQ		200		
2-Methylpentane	< LOQ		30.0			2-Propanol (IPA)	< LOQ	5000	200	pass	
2,2-Dimethylbutane	< LOQ		30.0			2,2-Dimethylpropane	< 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	30.0	pass	
Hexanes (sum)	< LOQ	290	150	pass		Isopropyl acetate	< LOQ	5000	200	pass	
Isopropylbenzene	< LOQ	70.0	30.0	pass		m,p-Xylene	< LOQ		200		
Methanol	< LOQ	3000	200	pass		Methylene chloride	< LOQ	600	200	pass	
Methylpropane	< LOQ		200			n-Butane	< LOQ		200		
n-Heptane	< LOQ	5000	200	pass		n-Hexane	76.7	290	30.0	pass	
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	< LOQ	2170	600	pass	

### Metals

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Arsenic	< LOQ		mg/kg	0.0429	1911468	12/18/19	AOAC 2013.06 (mod.)	X
Cadmium	< LOQ		mg/kg	0.0429	1911468	12/18/19	AOAC 2013.06 (mod.)	X
Lead	< LOQ		mg/kg	0.0429	1911468	12/18/19	AOAC 2013.06 (mod.)	X
Mercury	< LOQ		mg/kg	0.0215	1911468	12/18/19	AOAC 2013.06 (mod.)	X

Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Pixis quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.

Testing in accordance with: DAR 353-007-0410



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Purity								
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Chemical Purity	99.7		%		1911661	12/24/19	Purity by FID	

Mass-balance purity assay performed by GC-FID. The reported result is accurate within an expanded uncertainty of  $\pm 0.1\%$ (w/w).

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Testing in accordance with OAR 333-007-0410