



**CERTIFICATE OF ANALYSIS**

**Silliker Canada Co., Markham Laboratory**

90 Gough Road, Unit 4, Markham, Ontario L3R 5V5  
 Tel. 1-844-200-0977 Fax. 905-479-4645  
 Email: getresults-canada@mxns.com

COA No:	MRK-47842677-0
Supersedes:	None
COA Date	1/18/24
Page 1 of 4	

**TO:**

Ms. Michelle Wallbank  
 Quality Control Manager  
 Puretap Water Distillers  
 950 Verbena Road  
 Mississauga, ON L5T 1T6

Received From:	Mississauga, ON
Received Date:	1/5/24

<b>Location of Test: (except where noted)</b> Markham, Ontario
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**Analytical Results**

**Laboratory ID:** 432519638    **Condition Rec'd:** NORMAL    **Temp Rec'd (°C):** 6.8  
**Desc. 1:** Sample Code: A  
**Desc. 2:** 10L Distilled Jan 3/24 PR24003PT13:00D

Analyte	Result	Units	Method Reference	Method	Test Date	Loc.
Dissolved Solids	<2	mg/L	SMEWW 2540C		1/11/24	
ICP MS Full Mineral Screen			AOAC2015.01Mod<2232>	M-C043 / M-C032d	1/12/24	BRN
Aluminum	<0.002	ppm (w/v)				
Antimony	0.0006	ppm (w/v)				
Arsenic	<0.0001	ppm (w/v)				
Barium	<0.0002	ppm (w/v)				
Beryllium	<0.0001	ppm (w/v)				
Bismuth	<0.0002	ppm (w/v)				
Boron	<0.002	ppm (w/v)				
Cadmium	<0.00001	ppm (w/v)				
Calcium	<0.01	ppm (w/v)				
Chromium	<0.0001	ppm (w/v)				
Cobalt	0.0030	ppm (w/v)				
Copper	<0.0001	ppm (w/v)				
Iron	<0.01	ppm (w/v)				
Lead	<0.0001	ppm (w/v)				
Lithium	<0.001	ppm (w/v)				
Magnesium	0.0050	ppm (w/v)				
Manganese	<0.0002	ppm (w/v)				
Mercury	<0.00005	ppm (w/v)				
Molybdenum	<0.0001	ppm (w/v)				
Nickel	0.0010	ppm (w/v)				
Phosphorus	<0.01	ppm (w/v)				
Potassium	0.006	ppm (w/v)				
Selenium	<0.001	ppm (w/v)				
Silver	<0.0002	ppm (w/v)				
Sodium	0.24	ppm (w/v)				
Strontium	<0.0001	ppm (w/v)				
Thallium	<0.0001	ppm (w/v)				

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**TO:**

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 Quality Control Manager  
 Puretup Water Distillers  
 950 Verbena Road  
 Mississauga, ON L5T 1T6

<b>Received From:</b>	Mississauga, ON
<b>Received Date:</b>	1/5/24

<b>Location of Test: (except where noted)</b> Markham, Ontario
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<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method Reference</u>	<u>Method</u>	<u>Test Date</u>	<u>Loc.</u>
Tin	<0.0001	ppm (w/v)				
Titanium	<0.0002	ppm (w/v)				
Uranium	<0.0001	ppm (w/v)				
Vanadium	<0.0001	ppm (w/v)				
Zinc	0.0008	ppm (w/v)				
Zirconium	<0.001	ppm (w/v)				
Nitrites	<0.2	ppm (w/w)	Int'l Colorimetric	M-C044D	1/18/24	BRN
Residual Solvents			USP/NF Current Ver'n		1/16/24	BRN
Residual Solvents - Class 1	-	-				
- 1,1,1-Trichloroethane	<1	ppm (w/w)				
- 1,1-Dichloroethene	<1	ppm (w/w)				
- 1,2-Dichloroethane	<1	ppm (w/w)				
- Benzene	<1	ppm (w/w)				
- Carbon Tetrachloride	<1	ppm (w/w)				
Residual Solvents - Class 2	-	-				
- 1,2-Dichloroethene	<1	ppm (w/w)				
- 1,2-Dimethoxyethane	<1	ppm (w/w)				
- 1,4-Dioxane	<1	ppm (w/w)				
- Acetonitrile	<50	ppm (w/w)				
- Chlorobenzene	<1	ppm (w/w)				
- Chloroform	<1	ppm (w/w)				
- Cumene	<1	ppm (w/w)				
- Cyclohexane	<1	ppm (w/w)				
- N,N-Dimethylacetamide	<50	ppm (w/w)				
- N,N-Dimethylformamide	<50	ppm (w/w)				
- 2-Ethoxyethanol	<50	ppm (w/w)				
- Ethylene glycol	<50	ppm (w/w)				
- Formamide	<50	ppm (w/w)				
- Hexane	<1	ppm (w/w)				

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 Puretap Water Distillers  
 950 Verbena Road  
 Mississauga, ON L5T 1T6

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Received Date:	1/5/24

Location of Test: (except where noted) Markham, Ontario
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Analyte	Result	Units	Method Reference	Method	Test Date	Loc.
- Methanol	<50	ppm (w/w)				
- 2-Methoxyethanol	<50	ppm (w/w)				
- Methylbutylketone	<1	ppm (w/w)				
- Methylcyclohexane	<1	ppm (w/w)				
- Methylene Chloride	<1	ppm (w/w)				
- Methylisobutyl ketone	<100	ppm (w/w)				
- N-Methylpyrrolidone	<50	ppm (w/w)				
- Nitromethane	<50	ppm (w/w)				
- Pyridine	<200	ppm (w/w)				
- Sulfolane	<50	ppm (w/w)				
- Tetrahydrofuran	<1	ppm (w/w)				
- Tetralin	<1	ppm (w/w)				
- Toluene	<1	ppm (w/w)				
- Trichloroethylene	<1	ppm (w/w)				
- Xylene	<1	ppm (w/w)				
Residual Solvents - Class 3	-	-				
- 1-butanol	<100	ppm (w/w)				
- 1-pentanol	<100	ppm (w/w)				
- 1-propanol	<100	ppm (w/w)				
- 2-butanol	<100	ppm (w/w)				
- 2-methyl-1-propanol	<100	ppm (w/w)				
- 2-propanol	<100	ppm (w/w)				
- 3-methyl-1-butanol	<100	ppm (w/w)				
- Acetic acid	<100	ppm (w/w)				
- Acetone	<100	ppm (w/w)				
- Anisole	<100	ppm (w/w)				
- Butyl acetate	<100	ppm (w/w)				
- Dimethyl sulfoxide	<100	ppm (w/w)				
- Ethanol	<100	ppm (w/w)				

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Analyte	Result	Units	Method Reference	Method	Test Date	Loc.
- Ethyl acetate	<100	ppm (w/w)				
- Ethyl ether	<100	ppm (w/w)				
- Ethyl formate	<100	ppm (w/w)				
- Formic acid	<100	ppm (w/w)				
- Heptane	<100	ppm (w/w)				
- Isobutyl acetate	<100	ppm (w/w)				
- Isopropyl acetate	<100	ppm (w/w)				
- Methyl acetate	<100	ppm (w/w)				
- Methylene ketone	<100	ppm (w/w)				
- Pentane	<100	ppm (w/w)				
- Propyl acetate	<100	ppm (w/w)				
- tert-butylmethyl ether	<100	ppm (w/w)				
- Triethylamine	<100	ppm (w/w)				
Comment	Not applicable					
* pH			MFHPB-03	MFHPB-03	1/5/24	
pH (average)	5.84	-				
Sample Prep		-				

  
 Daniel Kim Laboratory Director

**Noted Test Locations:** BRN-Silliker Canada Co., Burnaby Laboratory, 106-8255 North Fraser Way, Burnaby, BC V3N 0B9

/ Customer supplied information \* ISO17025 Accredited Analysis † Indicates reason for COA amendment when applicable

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