

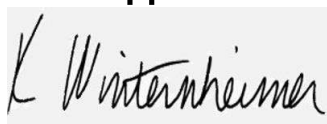
CERTIFICATE OF ANALYSIS

Prepared for:

Looner Sodas521 S. 7th St
Minneapolis, MN USA 55415**Cola**

Batch ID or Lot Number: 0928202301	Test: Residual Solvents	Reported: 10Oct2023	USDA License: N/A
Matrix: Finished Product	Test ID: T000258131	Started: 09Oct2023	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 06Oct2023	Status: Active

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	93 - 1861	ND	
Butanes (Isobutane, n-Butane)	188 - 3760	ND	
Methanol	60 - 1192	ND	
Pentane	95 - 1902	ND	
Ethanol	93 - 1864	519	
Acetone	94 - 1886	ND	
Isopropyl Alcohol	97 - 1940	ND	
Hexane	6 - 115	ND	
Ethyl Acetate	96 - 1924	ND	
Benzene	0.2 - 3.7	ND	
Heptanes	95 - 1901	ND	
Toluene	17 - 340	ND	
Xylenes (m,p,o-Xylenes)	123 - 2464	ND	

Final ApprovalKaren Winternheimer
10Oct2023
08:38:00 AM MDT

PREPARED BY / DATE

Sam Smith
10Oct2023
08:41:00 AM MDT

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/2ad53140-fce5-42cb-b2e1-68482938792d>**Definitions**

ND = None Detected (defined by dynamic range of the method)

Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

CERTIFICATE OF ANALYSIS

Prepared for:

Looner Sodas521 S. 7th St
Minneapolis, MN USA 55415**Cola**

Batch ID or Lot Number: 0928202301	Test: Microbial Contaminants	Reported: 09Oct2023	USDA License: NA
Matrix: Finished Product	Test ID: T000258129	Started: 06Oct2023	Sampler ID: NA
	Method(s): TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Received: 06Oct2023	Status: NA

Microbial**Contaminants**

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10 ² CFU/g	1.0x10 ³ - 1.5x10 ⁵	<LLOQ	
Total Coliforms*	TM27: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	

Final ApprovalBrianne Maillot
09Oct2023
12:55:00 PM MDT

PREPARED BY / DATE

Eden Thompson-Wright
09Oct2023
01:57:00 PM MDT

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/32399885-6eca-40b2-a29a-58bb4c2053e1>**Definitions**

* Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form. Examples: 10² = 100 CFU, 10³ = 1,000 CFU, 10⁴ = 10,000 CFU, 10⁵ = 100,000 CFU
CFU/g = Colony Forming Units per Gram, LOD = Limit of Detection
ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation
STEC = Shiga Toxin-Producing E. coli