

Prepared for:  
**Kelsie Biotech**

16194 W. 45th Ave  
Golden, CO USA 80403

## Equilibria Sleep Melts

Batch ID or Lot Number: <b>220725</b>	Test: <b>Potency</b>	Reported: <b>15Aug2022</b>	USDA License: N/A
Matrix: Unit	Test ID: T000217917	Started: 12Aug2022	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD): Potency - Broad Spectrum Analysis, 0.01% THC	Received: 12Aug2022	Status: Active

## Cannabinoids

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.017	0.055	ND	ND	
Cannabichromenic Acid (CBCA)	0.015	0.050	ND	ND	
Cannabidiol (CBD)	0.049	0.147	<LOQ	0.57	
Cannabidiolic Acid (CBDA)	0.050	0.150	ND	ND	
Cannabidivarin (CBDV)	0.012	0.035	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.021	0.063	ND	ND	
Cannabigerol (CBG)	0.009	0.031	ND	ND	
Cannabigerolic Acid (CBGA)	0.039	0.129	ND	ND	
Cannabinol (CBN)	0.012	0.040	4.086	16.34	
Cannabinolic Acid (CBNA)	0.027	0.088	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.047	0.154	0.223	0.89	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.007	0.023	0.265	1.06	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.006	0.021	ND	ND	
Tetrahydrocannabivarin (THCV)	0.009	0.028	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.033	0.109	ND	ND	
<b>Total Cannabinoids</b>			<b>4.716</b>	<b>18.86</b>	
Total Potential THC			0.265	1.06	
Total Potential CBD			0.142	0.57	

## Final Approval



Sam Smith  
15Aug2022  
01:16:00 PM MDT

PREPARED BY / DATE



Jacob Miller  
15Aug2022  
01:19:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/6945cbd1-8351-42e9-9a59-472896519117>

**Definitions**  
% = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method).  
Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa \*(0.877)) and Total CBD = CBD + (CBDA \*(0.877)).

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited by A2LA.



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# NORDIC ANALYTICAL

LABORATORIES  
info@nordicanalytic.com  
720-403-8179



Kel-Sie Biotech  
16194 W. 45th Dr.  
Golden, CO 80403

**Company Name:** Kel-Sie Biotech  
**Sample Name:** Equilibria Sleep Melts  
**Sample Batch:** 220725  
**Sample Type:** Concentrate  
**Test Type:** Residual Solvents (RSA)  
**Nordic ID:** 460905

**Date Received:** 08/11/2022  
**Date Tested:** 08/16/2022  
**Date Approved:** 08/16/2022  
**License Number:** CDPHE  
**METRC Tag:** 1A4000B0001A6AA000001017  
**Seal State:** Intact

## Residual Solvent Analysis Results

Solvent	Result(ppm)	Limit(ppm)	Pass/Fail
Butanes	ND	< 1000	PASS
Propane	ND	< 1000	PASS
Methanol	ND	< 600	PASS
Pentane	ND	< 1000	PASS
Ethanol	NR	< 1000	PASS
Acetone	ND	< 1000	PASS
Isopropyl Alcohol	ND	< 1000	PASS
Hexane	ND	< 60	PASS
Ethyl Acetate	ND	< 1000	PASS
Benzene	ND	< 2	PASS
Heptane	ND	< 1000	PASS
Toluene	ND	< 180	PASS
Xylenes	ND	< 430	PASS

ND = Non-Detect  
NR = Non-Reportable Value


Residual Solvent Analysis is performed by Headspace Gas Chromatography with a Flame Ionization Detector.

Laboratory Notes:

SOP Reference:

Nordic SOP 005-003

Lab Information:  
Nordic Analytical Laboratories  
3960 Grape Street, Denver, CO 80207  
www.nordicanalytic.com

  
Aleksey Nikolayev, PhD, Lab Director

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16194 W. 45th Dr.  
Golden, CO 80403

**Company Name:** Kel-Sie Biotech  
**Sample Name:** Equilibria Sleep Melts  
**Sample Batch:** 220725  
**Sample Type:** Edible  
**Test Type:** Heavy Metals  
**Nordic ID:** 460891

**Date Received:** 08/11/2022  
**Date Tested:** 08/16/2022  
**Date Approved:** 08/16/2022  
**License Number:** CDPHE  
**METRC Tag:** 1A4000B0001A6AA000001015  
**Seal State:** Intact

## Heavy Metals Report

Metal	Result (ppm)	Limit (ppm)	Pass/Fail
Arsenic (As)	ND	1.5	PASS
Cadmium (Cd)	ND	0.5	PASS
Mercury (Hg)	ND	1.5	PASS
Lead (Pb)	NR	1	PASS

ND = Non-Detect  
NR = Non-Reportable Value

### Laboratory Notes:

SOP Reference:  
Nordic Analytical SOP: 005-012

Lab Information:  
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Aleksey Nikolayev, PhD, Lab Director

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