



**K N D L A B S**

**Certificate of Analysis Document  
KND Labs Sleep Gummies - Raspberry**

**Product:** 2025-00669

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[SALES@KNDLABS.COM](mailto:SALES@KNDLABS.COM)

[KNDLABS.COM](https://KNDLABS.COM)

1-833-KND-4-CBD

**SAMPLE DETAILS**
**SAMPLE NAME:** CBD CBN THC Raspberry Sleep Pectin

Infused, Hemp

**CLIENT**
**Business Name:** KND Labs

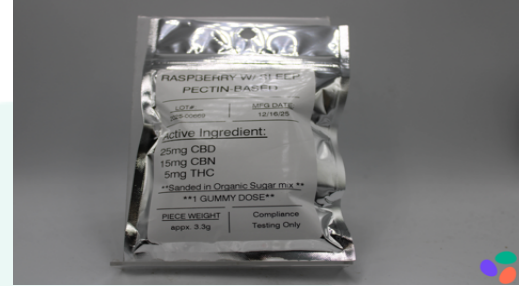
**License Number:**
**Address:** 5801 West 6th  
Lakewood CO 80214

**SAMPLE DETAIL**
**Batch Number:** 2025-00669

**Sample ID:** 251219M016

**Date Collected:** 12/19/2025

**Date Received:** 12/19/2025

**Batch Size:**
**Sample Size:**
**Unit Mass:**
**Serving Size:** 3.3 grams per Serving


Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**
**Total THC:** 1.554 mg/g

**Total CBD:** 7.632 mg/g

**Sum of Cannabinoids:** 13.587 mg/g

**Total Cannabinoids:** 13.587 mg/g

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:

$$\text{Total THC} = \Delta^9\text{-THC} + (\text{THCa} \cdot 0.877)$$

$$\text{Total CBD} = \text{CBD} + (\text{CBDa} \cdot 0.877)$$

$$\begin{aligned} \text{Sum of Cannabinoids} = & \Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \\ & \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBN} + \text{CBNa} \\ \text{Total Cannabinoids} = & (\Delta^9\text{-THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) + \\ & (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + \\ & (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{-THC} + (\text{CBN} + 0.877 \cdot \text{CBNa}) \end{aligned}$$
**SAFETY ANALYSIS - SUMMARY**
**Heavy Metals:** ND

**Microbiology (PCR):** ND

**Microbiology (Plating):** ND

These results relate only to the sample included on this report.  
This report shall not be reproduced, except in full, without written approval of the laboratory.

**References:** limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT),  
 $\mu\text{g/g}$  = ppm,  $\mu\text{g/kg}$  = ppb, too numerous to count >250 cfu/plate (TNTC), colony-forming unit (cfu)

*Samantha Schumann*  
Approved by: Sam Schumann  
Laboratory Director  
Date: 12/30/2025



### Cannabinoid Analysis

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

**Method:** (GLB-TM-14) Cannabinoid Potency Determination

**TOTAL THC: 1.554 mg/g**

Total THC ( $\Delta^9$ -THC+0.877\*THCa)

**TOTAL CBD: 7.632 mg/g**

Total CBD (CBD+0.877\*CBDa)

**TOTAL CANNABINOIDS: 13.587 mg/g**

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) +  $\Delta^8$ -THC + (Total CBN)

**TOTAL CBG: ND**

Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: ND**

Total THCV (THCV+0.877\*THCVa)

**TOTAL CBC: ND**

Total CBC (CBC+0.877\*CBCa)

**TOTAL CBDV: ND**

Total CBDV (CBDV+0.877\*CBDVa)

*Exclusions<sup>1</sup> see last page*

### CANNABINOID TEST RESULTS - 12/23/2025

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.042 / 0.884	±0.5113	7.632	0.7632
CBN	0.015 / 0.256	±0.2271	4.401	0.4401
$\Delta^9$ -THC	0.010 / 0.884	±0.1103	1.554	0.1554
$\Delta^8$ -THC	0.014 / 0.973	N/A	ND	ND
THCa	0.037 / 0.783	N/A	ND	ND
THCV	0.017 / 0.177	N/A	ND	ND
THCVa	0.013 / 0.690	N/A	ND	ND
CBDa	0.050 / 0.906	N/A	ND	ND
CBDV	0.032 / 0.208	N/A	ND	ND
CBDVa	0.014 / 0.380	N/A	ND	ND
CBG	0.024 / 0.195	N/A	ND	ND
CBGa	0.016 / 0.818	N/A	ND	ND
CBC	0.004 / 0.345	N/A	ND	ND
CBCa	0.016 / 0.314	N/A	ND	ND
CBNa	0.013 / 0.557	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>13.587 mg/g</b>	<b>1.3587%</b>

### Serving Size: 3.3 grams per Serving

$\Delta^9$ -THC per Serving	5.128 mg/serving
Total THC per Serving	5.128 mg/serving
CBD per Serving	25.186 mg/serving
Total CBD per Serving	25.186 mg/serving
Sum of Cannabinoids per Serving	44.837 mg/serving
Total Cannabinoids per Serving	44.837 mg/serving

### Heavy Metals Analysis

Heavy metal analysis utilizing inductively coupled plasma-mass spectrometry (ICP-MS).

**Method:** (GLB-TM-19) Metals Determination

### HEAVY METALS TEST RESULTS - 12/23/2025 ND

COMPOUND	LOD/LOQ (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)
Arsenic	0.009 / 0.030	N/A	ND
Cadmium	0.013 / 0.044	N/A	ND
Lead	0.012 / 0.040	N/A	ND
Mercury	0.011 / 0.036	N/A	ND



### Microbiology Analysis

#### PCR AND PLATING

Analysis conducted by polymerase chain reaction (PCR) and fluorescence detection of microbiological contaminants.

**Method:** (GLB-TM-25) Bioburden Testing for STEC & Salmonella or (GLB-TM-37) Microbiological Detection of Pathogenic Aspergillus

Analysis conducted by 3M™ Petrifilm™ and plate counts of microbiological contaminants.

**Method:** (GLB-TM-24) Bioburden Testing for Total Yeast and Mold

#### MICROBIOLOGY TEST RESULTS (PCR) - 12/22/2025 ND

COMPOUND	RESULT
<i>Salmonella</i> spp.	ND
Shiga toxin-producing <i>Escherichia coli</i>	ND

#### MICROBIOLOGY TEST RESULTS (PLATING) - 12/22/2025 ND

COMPOUND	RESULT (cfu/g)
Coliforms	ND
Total Aerobic Bacteria	ND
Total Yeast and Mold	ND

#### NOTES

Sample serving mass provided by client.

1. Exclusions: Not accredited by the CDPHE and not for official purposes