



Utah Department of Agriculture and Food
Division of Laboratory Services
 4451 South 2700 West
 Taylorsville, Utah 84129
 (801) 816-3840

CERTIFICATE OF ANALYSIS

Sample Information

UDAF Lab #	HP23265-9	Issue Date:	09/28/2023
Client:	Koodegras	Client Email:	maritzacastaneda@koodegras.com
Producer:	Koodegras	Sample Type:	Transdermal
Description:	Koodegras No. 9 Max Quick Relief Salve		
Batch/Lot Number:	2-3-1	Date Received:	09/22/2023
Date Collected:		Collected By:	Self-Submitted




Notes:

Testing Summary

Status: PASS

Analysis:	Testing Date:	Status:	Notes:
Cannabinoids	09/27/2023	PASS	

Approved By:  Date: 09/28/2023
 Brandon Forsyth, Ph.D
 State Chemist

The results reported herein pertain only to the indicated sample and may not be used as an endorsement of a product. The results are given under applicable provisions of the Utah Code and represent a true statement of the outcomes of the analyses conducted on the sample received by the laboratory. This report may not be reproduced, except in its entirety. © 2023 All Rights Reserved.



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Cannabinoid Analysis

Status: PASS

Sample ID: HP23265-9	Description: Koodegras No. 9 Max Quick Relief Salve
Testing Date: 09/27/2023	Reviewed By: Cameron Cheyne

Method: ACL.AM.003 Analysis performed using High-Performance Liquid Chromatography (HPLC-DAD)

Analyte	Abbreviation	CAS Number	% (w/w)	mg/g
Δ 9-Tetrahydrocannabinidiol	Δ 9-THC	1972-08-03	<LOQ	<LOQ
Δ 8-Tetrahydrocannabinidiol	Δ 8-THC	5957-75-5	NQ	NQ
Δ 9-Tetrahydrocannabinolic acid	THCA	23978-85-0	NQ	NQ
Δ 9-Tetrahydrocannabivarin	THCV	31262-37-0	NQ	NQ
Cannabidiol	CBD	13956-29-1	1.03%	10.3
Cannabidiolic acid	CBDA	1244-58-2	NQ	NQ
Cannabidivarin	CBDV	24274-48-4	NQ	NQ
Cannabinol	CBN	521-35-7	ND	ND
Cannabigerol	CBG	25654-31-3	0.05%	0.5
Cannabichromene	CBC	20675-51-8	NQ	NQ
Cannabigerolic acid	CBGA	25555-57-1	ND	ND
Cannabichromenic acid	CBCA	20408-52-0	ND	ND
Cannabicitran	CBTC	31508-71-1	NT	NT
9(R+S)- Δ 6a,10a-Tetrahydrocannabinidiol	Δ 3-THC	95720-01-07, 95720-02-8	ND	ND
(6aR,9R)- Δ 10-Tetrahydrocannabinidiol	(6aR,9R)- Δ 10-THC	95543-62-7	ND	ND
(6aR,9S)- Δ 10-Tetrahydrocannabinidiol	(6aR,9S)- Δ 10-THC	95588-87-7	ND	ND
Total Cannabinoids			1.08%	10.8
Total THC			ND	ND
Total CBD			1.03%	10.3
Total THC Analogs			ND	ND

Unknown Cannabinoid Peak Area: NQ

Status: PASS

Notes:

Total Cannabinoids is calculated as the direct sum of each of the cannabinoid values.

Total THC is calculated as Δ 9-THC + (THCA x 0.877).

Total CBD is calculated as CBD + (CBDA x 0.877).

Total THC Analogs is calculated as Δ 9-THC + (THCA x 0.877) + Δ 8-THC + CBTC.

ND = Not Detected, NQ = Not Quantifiable, NT = Not Tested, <LOQ = Below the limit of quantification

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