

CERTIFICATE OF ANALYSIS

ISO/IEC 17025:2017 ACCREDITATION #103104



Order #: 70657
 Order Name: First Defense
 Nasal Spray
 Batch#: 180001
 Received: 02/05/2021
 Completed: 02/12/2021



Wakanna LLC
 411 E. 35TH ST
 Chicago IL, 60616
 (312) 265-0036
 thomas@wakanna.com



Sample



0.029%
D9-THC

3.084%
Total CBD

455.0 mg
Cannabinoids per unit

437.2 mg
CBD per unit

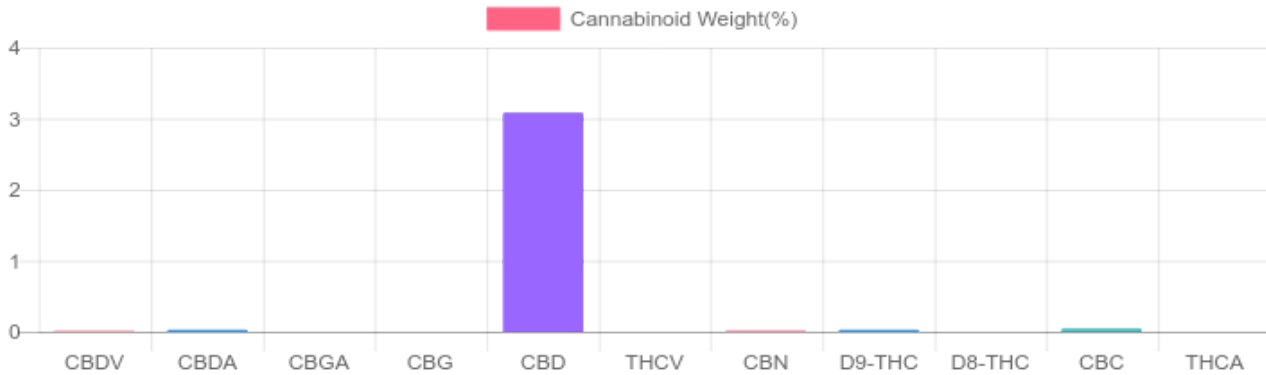
1 unit = 15 ml per unit x density (0.945) x Cannabinoid concentration

Cannabinoids Test

SHIMADZU INTEGRATED UPLC-PDA
 GSL SOP 400

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Cannabinoids	LOQ	weight(%)	mg/g	mg/unit
D9-THC	10 PPM	0.029%	0.286	4.1
THCA	10 PPM	N/D	N/D	N/D
CBD	10 PPM	3.084%	30.840	437.2
CBDA	20 PPM	0.029%	0.291	4.1
CBDV	20 PPM	0.009%	0.090	1.3
CBC	10 PPM	0.045%	0.450	6.4
CBN	10 PPM	0.013%	0.135	1.9
CBG	10 PPM	N/D	N/D	N/D
CBGA	20 PPM	N/D	N/D	N/D
D8-THC	10 PPM	N/D	N/D	N/D
THCV	10 PPM	N/D	N/D	N/D
TOTAL D9-THC		0.029%	0.029%	4.1
TOTAL CBD*		3.084%	30.840	437.2
TOTAL CANNABINOIDS		3.209%	32.092	455.0



Reporting Limit 10 ppm
 *Total CBD = CBD + CBDA x 0.877
 N/D - Not Detected, B/LOQ - Below Limit of Quantification

Dr. Andrew Hall, Ph.D., Chief Scientific Officer

Ben Witten, MS, MT., Lab Director

Green Scientific Labs
 info@greenscientificlabs.com
 1-833 TEST CBD



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