



Certificate of Analysis (Representative Sample Certificate)

Product: Broadway Joe

Batch: #001

Manufacture Date: November 2022

Expiration Date: November 2024

Parameter	Specification	Result
Cannabidiol (CBD) Concentration	≥750mg/oz	Conforms
Histamine Dihydrochloride	≥0.025%	Conforms
Appearance	Off-white	Conforms
pH	4.5 ± 0.5	Conforms

Cannabinoid Profile & Potency

Sample analyzed for plant-based cannabinoids by Liquid Chromatography (LC). The collected data was compared to data collected for certified reference standards at known concentrations.

Cannabinoid	Specification	Result
Δ9-THC	Non Detect	Conforms
THCV	Non Detect	Conforms
CBD	≥26.46mg/g	Conforms
CBDV	≤0.3mg/g	Conforms
CBG	Non Detect	Conforms
CBC	Non Detect	Conforms
CBN	Non Detect	Conforms
THCA	Non Detect	Conforms
CBDA	Non Detect	Conforms
CBGA	Non Detect	Conforms
CBDVA	Non Detect	Conforms
Δ8-THC	Non Detect	Conforms
Exo-THC	Non Detect	Conforms
Total CBD	≥26.46mg/g	Conforms
Total THC	Non Detect	Conforms

Heavy Metal Analysis

This test method was performed in accordance with the requirements of ISO/IEC 17025.

Metal	Limit (µg/kg)	Result
Arsenic	1500	Conforms
Cadmium	500	Conforms
Mercury	1500	Conforms
Lead	1000	Conforms

USP exposure limits based on daily oral dosing of 1g of concentrate for a 110lb person

Microbiological Contaminants

This test method was performed in accordance with the requirements of ISO/IEC 17025

Analysis	Specification	Result
Total Aerobic Bacterial Count	<100 CFU/g	Conforms
Total Coliform Bacterial Count	<100 CFU/g	Conforms
Total Bile Tolerant Gram Negative Count	<100 CFU/g	Conforms
Total Yeast and Mold	<100 CFU/g	Conforms

Recommended limits established by the American Herbal Pharmacopoeia (AHP) monograph for Cannabis Inflorescence [2013], for consumable botanical products, including processed and unprocessed cannabis materials and solvent based extracts. Note: All recorded Microbiological tests are within the established limits.

Analysis of Volatile Organic Compounds

The sample was analyzed by Head-Space Gas Chromatography (HS-GC). The collected data was compared to data collected for certified reference standards at known concentrations

Compound	Limit (ppm)	Result
Propane	1000	Conforms
Isobutane	1000	Conforms
Butane	1000	Conforms
Methanol	3000	Conforms
Pentane	5000	Conforms
Ethanol	5000	Conforms
Acetone	5000	Conforms
Isopropanol	5000	Conforms
Acetonitrile	410	Conforms
Hexane	290	Conforms
Heptane	5000	Conforms

Limits based on USP recommended limits for residual solvents, adopted by the Massachusetts Department of Public Health for Cannabis concentrates and extracts on 3/31/16. Butane/Propane limits are based on limits established for the state of Colorado

Pesticide Analysis

The client sample was analyzed for pesticides using Liquid Chromatography with Mass Spectrometric detection (LC/MS/MS). The method used for sample prep was based on the European method for pesticide analysis (EN 15662)

Analyte	Limit (ppb)	Result
Abamectin	10	Conforms
Azoxystrobin	100	Conforms
Bifenazate	100	Conforms
Bifenthrin	3000	Conforms
Cyfluthrin	2000	Conforms
Dichlorvos	10	Conforms
Etoxazole	100	Conforms
Fenoxycarb	10	Conforms
Imazalil	10	Conforms
Imidacloprid	5000	Conforms
Myclobutanil	100	Conforms
Paclobutrazol	10	Conforms
Piperonyl butoxide	3000	Conforms
Pyrethrin	10	Conforms
Spinosad	10	Conforms
Spiomesifen	100	Conforms
Spirotetramat	100	Conforms
Trifloxystrobin	100	Conforms

Pesticide results reported against action limits established by the State of California Bureau of Cannabis Control. California Code of Regulations Title 16, Division 42.