



Cannabis Certificate of Analysis and Certificate of Manufacture

Company Name:	Pure Sunfarms Corp.		
Company Address:	4431 80th St., Delta B.C., V4K 3N3 (D3) / 4526 80th St., Delta B.C., V4K 3N3 (D2)		
Product Category:	Dried Cannabis - Flower	Customer:	Altum
External Contract Labs:	Eurofins (Altum product)	Prepared By:	Abigail Sherwood
Strain Description:	Jet Fuel Gelato	Sub-Species	Hybrid
Batch Number:	03431	CAPA report # (if applicable):	I22-603*
Harvest Date:	16-Aug-22	Bulk Packaging Date:	26-Aug-22

PHYSICAL TESTS	METHOD	SPECIFICATIONS	RESULTS	EVALUATION
Foreign Matter	Ph. Eur. 2.8.2	<2% w/w	0%	conforms
Loss On Drying (LOD)	Ph. Eur. 2.2.32	<15%	7.0%	conforms
Water Activity (Aw)	USP <922>	< 0.65	N/A	conforms
Irradiation	Electron beam	≤ 10kGy	6.6 kGy**	conforms

ASSAY TESTS	METHOD	SPECIFICATIONS	RESULTS	EVALUATION	
Total THC:	DAB Monograph	As reported (mg/g)	227	conforms	
THC:		As reported (mg/g)	18	conforms	
THCA:		As reported (mg/g)	209	conforms	
Total CBD:		0-15 mg/g	0	conforms	
CBD:		As reported (mg/g)	0	conforms	
CBDA:		As reported (mg/g)	0	conforms	
Other Phytocannabinoids		CBN (mg/g)	0	conforms	
		CBNA (mg/g)	N/A	conforms	
		CBC (mg/g)	0	conforms	
		CBCA (mg/g)	0	conforms	
		THCVA (mg/g)	N/A	conforms	
		CBG (mg/g)	2	conforms	
			CBGA (mg/g)	9	conforms
			Δ8-THC (mg/g)	N/A	conforms
Total Terpenes	Validated External Lab	0.5-3%	0.9442%	conforms	
Terpenes		Alpha-Pinene (%)	0.0179%	conforms	
		Beta-Pinene (%)	0.0282%	conforms	
		Beta-Myrcene (%)	0.2751%	conforms	
		Limonene (%)	0.1209%	conforms	
		Ocimene (%)	0.0017%	conforms	
		Linalool (%)	0.0990%	conforms	
		Beta-Caryophyllene (%)	0.2737%	conforms	
		Humulene (%)	0.0807%	conforms	
		Terpinolene (%)	0.0024%	conforms	
		Trans-Nerolidol (%)	0.0017%	conforms	
		Caryophyllene Oxide (%)	N/A	conforms	
		Alpha-Bisabolol (%)	0.0079%	conforms	
		Alpha-Terpinene (%)	0.0000%	conforms	
		Camphene (%)	0.0042%	conforms	
		Cis-Nerolidol (%)	0.0000%	conforms	
		Delta3-Carene (%)	0.0000%	conforms	
		Eucalyptol (%)	N/A	conforms	
		Gamma-Terpinene (%)	0.0000%	conforms	
		Geraniol (%)	0.0000%	conforms	



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	Alpha-Terpineol (%)	0.0309%	conforms
	Guaiol (%)	0.0000%	conforms
	Isopulegol (%)	0.0000%	conforms
	Para-Cymene (%)	0.0000%	conforms

MICROBIOLOGY TESTS	METHOD	SPECIFICATIONS	RESULTS	EVALUATION
<i>Bile Tolerant Gram-Negative Bacteria</i>	Ph. Eur. 2.6.31	Absent in 1 g or 1 ml	Absent in 1g	conforms
<i>Total Aerobic Bacteria Count</i>	Ph. Eur. 2.6.12	<200 cfu/g	<10 cfu/g	conforms
<i>(Pathogens)</i>	As per method	As per specifications	As per result	conforms
<i>Escherichia coli</i>	Ph. Eur. 2.6.31	Absent in 1 g or 1 ml	Absent in 1g	conforms
<i>Salmonella Species</i>	Ph. Eur. 2.6.31	Absent in 10 g or 10 ml	Absent in 10g	conforms
<i>Staphylococcus aureus</i>	Ph. Eur. 2.6.13	Absent in 1 g or 1 ml	Absent in 1g	conforms
<i>Pseudomonas aeruginosa</i>	Ph. Eur. 2.6.31	Absent in 1g	Absent in 1g	conforms
<i>(Spoilage Microorganisms)</i>	As per method	As per specifications	As per result	conforms
<i>Total combined Yeast & Mould Count</i>	Ph. Eur. 2.6.12	<20 cfu/g	<10 cfu/g	conforms
<i>(Aflatoxins)</i>	As per method	As per specifications	As per result	conforms
<i>Aflatoxin B1</i>	Ph. Eur. 2.8.18	NMT 2ppb	<2.00 ppb	conforms
<i>Aflatoxin(B1+B2+G1+G2)</i>	Ph. Eur. 2.8.18	NMT 4ppb	<4.00 ppb	conforms

LIMIT TESTS	METHOD	SPECIFICATIONS	RESULTS	EVALUATION
<i>(Heavy Metals)</i>	As per method	As per specifications	As per result	conforms
<i>Arsenic</i>	Ph. Eur. 2.4.27	< 0.2ppm	<LOQ	conforms
<i>Cadmium</i>	Ph. Eur. 2.4.27	< 0.2ppm	<LOQ	conforms
<i>Lead</i>	Ph. Eur. 2.4.27	< 0.5ppm	<LOQ	conforms
<i>Mercury</i>	Ph. Eur. 2.4.27	<0.1ppm	<LOQ	conforms
<i>Pesticides (HC Mandatory Cannabis Testing for Pesticide Active Ingredients)</i>	Ph. Eur. 2.8.13	<LOQ	<LOQ	conforms

CUSTOMER REQUESTED TESTS	METHOD	SPECIFICATIONS	RESULTS	EVALUATION
<i>Total Ash</i>	Ph. Eur. 2.4.16	<20% w/w	9.85%	conforms
<i>Ochratoxin A</i>	Ph. Eur. 2.8.22	NMT 20ppb	Not detected	conforms
<i>Identification Test</i>	DAB Monograph (TG093)	Yes	yes	conforms

*CAPA I22-603: B3431 substituted with 03431 in lab COC.

**B3431 relotted from original batch B2795; hence ebeam dosage is extracted from B2795 iotron certificate WO# 3196779.

I hereby certify that the above information is authentic and accurate. The batch processing, packaging and analysis records were reviewed and found to be in compliance with Part 5 (Good Production Practices) of the Cannabis Regulations.

We have verified that the product composition, labelling and packaging are in compliance with all applicable regulations and therefore deem this product acceptable for sale.

A complete and accurate certificate of analysis is included with every batch released for sale.

The testing of the product is performed on a sample that is representative of the entire production lot offered for sale.

The testing is performed by a laboratory qualified for testing of cannabis products.

Belinda Lee		Associate, QA
Approved By (Name)	Signature	Title