



Protonify

DOC-GUIDE-1053-MedicalGradeTHCaProductDataSheet-SKU-1001

Bulk SKU-1001 Medical Grade THCa Isolate

Version 1.0.2 Last Modified: June 7, 2024

Product Name:

SKU-1001 Medical Grade THCa Isolate

Page 1 of 5

Product Information

Product Label Name	High Purity Intermediary THCa Isolate - Medical Grade (SKU-1001)			
Brand(s)	GoodScienceRx			
Vendor	Protonify Corporation			
NNCP Number	N/A	Earliest Sale Date	N/A	
Class of Cannabis	Cannabis Extract	Intended Use	Inhalation	
Cannabis Product Form	Isolate	Discrete Units	N/A	
Accessory Description	N/A			
Net Weight/Volume per unit	N/A	Units per Container	N/A	
Net Weight/Volume per Container (accepted range)	1,000 mg +/- 50 g			
Cannabinoid Content	Tetrahydrocannabinol (THC)		Cannabidiol (CBD)	
	Excluding THCA	Total THC	Excluding CBDA	Total CBD
Per Unit	N/A	N/A	N/A	N/A
Cannabinoid Summary (mg/g) (accepted range)	870 mg/g	850 mg/g +/-2.35% (840 mg/g to 870 mg/g)	10 mg/g	10 mg/g +/-100% (0 mg/g to 20 mg/g)
Other Cannabinoids	D8 THC 0 mg/g D10 THC 0 mg/mg CBN 10 mg/g +/-100% (0 mg/g to 20 mg/g)			
Physical Attributes	Texture	Colour	Consistency	Other
	Dry crystalline powder	white	Crystals with a range of target particle sizes of 20 µm - 0.5 mm.	
Sensory Attributes	Scent/Aroma			
	Faint Acid Smell			



Protonify

DOC-GUIDE-1053-MedicalGradeTHCaProductDataSheet-SKU-1001

Bulk SKU-1001 Medical Grade THCa Isolate

Version 1.0.2 Last Modified: June 7, 2024

Product Name:

SKU-1001 Medical Grade THCa Isolate

Page 2 of 5

Packaging Description

Description	FDA Grade Plastic container (S-8509)
Technical Specifications	Cap: Polypropylene, BPA free Liner: Polyethylene Foam (FDA compliant), BPA free Temperature: Application: -51° to 82° C (-60° to 180° F) Usage: Not leakproof or airtight.
Dimensions	Container:
Supplier	Uline
Manufacturer	Uline
Mandatory Label requirement	“PRODUCT TESTED” Unique Container ID Batch # Cultivar/Product Name Cannabis Type Packaging Date Net weight Gross weight Tare weight Supervisor (second set of eyes) initials
Mandatory bulk packaging requirement	FDA grade container
Additional requirements	Store in a cool dry place out of direct sunlight.

API Information

Ingredient Declaration	THCa
Carrier Type	None
Terpenes / Flavouring	Negligible, as the majority of Terpenes are removed during the manufacturing process and not re-captured for processing.
Restricted Ingredients	None
Extraction / Process Method	Liquid Liquid Extraction, chromatography based purification and vacuum based crystallization.
Species / Strain Requirements	Strain agnostic
Input Cannabis Potency (acceptable range)	220 mg/g; based on oil density 0.220 g/mL (180 mg/g to 240 mg/g)
Vendor	Protonify approved supplier

Recipe / Ingredient Information

Ingredient Name	Manufacturer (inc. facility, if applicable)	Manufacturer Product Name	% / wt. in recipe	Notes
Pure Intermediary THCa	Protonify	SKU-1025	100%	N/A

Other Information

Processing Aid(s)	Product Manufacturer: Manufacturer Product Name: Methanol Manufacturer:
-------------------	--



Protonify

DOC-GUIDE-1053-MedicalGradeTHCaProductDataSheet-SKU-1001

Bulk SKU-1001 Medical Grade THCa Isolate

Version 1.0.2 Last Modified: June 7, 2024

Product Name:

SKU-1001 Medical Grade THCa Isolate

Page 3 of 5

	Manufacturer Product Name: Isopropyl Manufacturer: Manufacturer Product Name: Heptane
Additives	N/A
Storage Condition	Cool,dry area out of direct sunlight

Allergen Information

Label Claim	Contains:		N/A	
	May Contain:		NA	
Allergen	Present in Product	Present in Product(s) Manufactured on Same Line	Present in Facility	Ingredient Carryover
Eggs	N	N	N	NA
Milk	N	N	N	NA
Mustard	N	N	N	NA
Peanuts	N	N	N	NA
Crustaceans and molluscs	N	N	N	NA
Fish	N	N	N	NA
Sesame seeds	N	N	N	NA
Soy	N	N	N	NA
Sulphites	N	N	N	NA
Tree nuts	N	N	N	NA
Wheat and triticale	N	N	N	NA

Shipping Case Information

Shipping Container / Case Material	<p>Secondary Containment FDA grade plastic bag Uline Cardboard boxes with packing material. Box within a box, with extra spaces filled with dummy / empty boxes if necessary. Sealed with tamper proof tape Contains Shipping Collateral Package: Manifest (container Unique ID, Tare, Gross, Net material weight), box unique ID with total count in shipment, PO reference, QA contact / approval), Certificate of Manufacture, Certificate of Analysis, Chain of Custody (signable and return form), MSDS & Source Biomass pesticide checklist..</p>
------------------------------------	---



Protonify

DOC-GUIDE-1053-MedicalGradeTHCaProductDataSheet-SKU-1001

Bulk SKU-1001 Medical Grade THCa Isolate

Version 1.0.2 Last Modified: June 7, 2024

Product Name:

SKU-1001 Medical Grade THCa Isolate

Page 4 of 5

Dimension

Dimensions- 22x22x22 but can be packaged in larger or smaller qty by customer request.

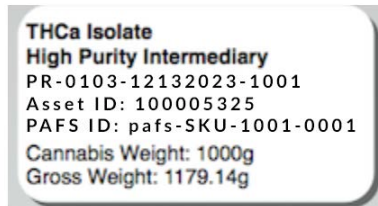
Minimum Label Requirements

Tote ____ of ____
Batch # and Product Name
Cannabis Type
Packaging Date
Net weight
Gross weight

Tamper evidence

Individual containers sealed and boxes sealed with tamper proof tape.

Reference image of label



Reference image of container





Protonify

DOC-GUIDE-1053-MedicalGradeTHCaProductDataSheet-SKU-1001

Bulk SKU-1001 Medical Grade THCa Isolate

Version 1.0.2 Last Modified: June 7, 2024

Product Name:

SKU-1001 Medical Grade THCa Isolate

Page 5 of 5

Analytical / Laboratory Release Specifications – Cannabis Extract

Test Description	Limit	Method/Reference**
THC	Report as is (mg/g)	HPLC-DAD: Perkin Elmer LC300 ORG-M-071
THCA	Report as is (mg/g)	
Total THC	See Product Information Section	
CBD	Report as is (mg/g)	
CBDA	Report as is (mg/g)	
Total CBD	See Product Information Section	
CBG	Report as is (mg/g)	
CBGA	Report as is (mg/g)	
Pesticides (tested on flower / dry input)	Absent* (limits defined by Health Canada)	LC-MS/MS Dual Ion Source. Limits are set by Health Canada for Cannabis concentrate ORG-M-052
Aflatoxin B1	< 2ppb	LC-MS/MS ESI EP 2.8.22 EP 2.8.18/USP<561> ORG-M-069
Total Aflatoxin (B ₁ , B ₂ , G ₁ , G ₂)	< 4ppb	
Total Aerobic Bacterial Count (TAMC)	< 200 cfu/g or cfu/mL (Inhalation) < 50,000 cfu/g or cfu/mL (Ingestion)	EP 2.6.12/USP<61> EP 2.6.13/USP<62> EP 2.6.31/USP<62> EP 5.1.4 Table 1 (Inhalation) EP 5.1.8 Table B (Ingestion)
Total Yeast & Mold (TYMC)	< 20 cfu/g or cfu/mL (Inhalation) < 500 cfu/g or cfu/mL (Ingestion)	
Bile Tolerant Gram-Negative Bacteria (BTGN)	Absent in 1g or 1ml (Inhalation) < 100 cfu/g or cfu/mL (Ingestion)	
<i>Escherichia coli</i>	Absent in 1g or 1ml (Ingestion)	
<i>Salmonella spp.</i>	Absent in 25g or 25ml (Ingestion)	
<i>S. aureus</i>	Absent in 1g or 1ml (Inhalation)	
<i>P. aeruginosa.</i>	Absent in 1g or 1ml (Inhalation)	
Ochratoxin A	< 20 ppb	LC-MS/MS ESI EP 2.8.22 EP 2.4.20/USP<233>
Residual Solvent: Ethanol Isopropanol Heptane	< 5,000ppm for class 2 solvents	GC-FID USP <467> ORG-M-074 ICH Topic Q3C (R6) (R8)–Table 3
Methanol	< 3000 ppm for Class 3	GC-FID USP <467> ORG-M-074 ICH Topic Q3C (R6) (R8)–Table 3
Arsenic (As)	< 0.2ppm (Inhalation)	IPC-MS USP <232> Table 3 EP 5.20 ICHQ3 USP<233>/E.P 2.4.20
Cadmium (Cd)	< 0.3ppm (Inhalation)	
Lead (Pb)	< 0.5ppm (Inhalation)	
Total Mercury (Hg)	< 0.1ppm (Inhalation)	

** **Methods and Validation Summaries** are to be provided during an Audit (see Quality Agreement). Any changes to methods, validations and labs necessitates notification per the Change Control requirements