



**Protonify**

**DOC-GUIDE-1046-InfusionGradeTHCaProductDataSheet-SKU-1025**

**Bulk SKU-1025 Infusion Grade THCa Isolate**

**Version 1.0.2 Last Modified: June 7, 2024**

Product Name:

**SKU-1025 Infusion Grade THCa Isolate**

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**Product Information**

Product Label Name	High Purity Intermediary THCa Isolate - Infusion Grade (SKU-1025)			
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	<b>Tetrahydrocannabinol (THC)</b>		<b>Cannabidiol (CBD)</b>	
	Excluding THCA	Total THC	Excluding CBDA	Total CBD
Per Unit	N/A	N/A	N/A	N/A
Cannabinoid Summary (mg/g) (accepted range)	850 mg/g	850 mg/g +/-2.35% (830 mg/g to 870 mg/g)	50 mg/g	50 mg/g +/-100% (0 mg/g to 100 mg/g)
Other Cannabinoids	THCA > 930.0 mg / g D9 THC <= 10 mg/g D8 THC 0 mg/g CBNa <=10 mg/g			
Physical Attributes	<b>Texture</b>	<b>Colour</b>	<b>Consistency</b>	<b>Other</b>
	Dry crystalline powder	yellow to light orange	Crystals with a range of target particle sizes of 20 µm - 0.5 mm.	N/A
Sensory Attributes	<b>Scent/Aroma</b>			
	Faint Cannabis Smell			



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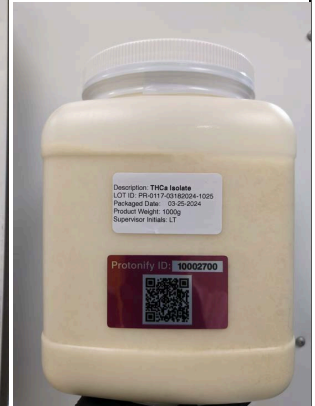
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**Packaging Description**

**Primary Packaging**



Reference Image



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.



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



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**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	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..
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	



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Reference image of container





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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 <sub>1</sub> , B <sub>2</sub> , G <sub>1</sub> , G <sub>2</sub> )	< 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