

Specification Number:	Spec #004 Rev 06	Effective Date:	02-24-2025
FG Item Number:	30036	Allergens:	None
FG Item Description:	MIT45 Super K Extra Strong (30 mL) 12 Pack		


MIT45 SUPER K EXTRA STRONG (30 ML) 12 PACK

Finished Product Specification Sheet

Confidential

Batched Material Details	
Item Number:	10005
Item Description:	Super K Extra Strong - Mixed Liquid
Specification Number:	#B002
Formula Number:	FOR10005

Finished Product Details	
Product Type:	Dietary Supplement
Storage Requirements:	Ambient Storage
Shelf Life Info:	2 years past the first day of batching
Additional Statement Claims:	N/A

Lot Code & Best By Date Code	
Image:	<div><div><p><i>**Image shown is for a different bottle; MIT45 (15 mL). The formatting is the same, but the bottle color and size are different (the correct color is purple).</i></p></div></div>
Lot Code:	<p>The Lot Code is derived from the last 4 digits of the Batch Ticket Number For instance, if the Batch Ticket Number is MFG000123, then the product Lot Code shall be "0123".</p> <p>Sublots may be assigned in addition to the Lot Code per operational needs. Prefix sublots such as "00-0123" are determined by the distribution sales region. Suffix sublots such as "0123-1" should be assigned if there are significant changes with the components used or production process. Lot code may include both prefix and suffix "00-0123-1" if applicable. This shall be printed in yellow or white ink on the bottom of the bottle, and directly above the Best By Code.</p>
Best By Code:	<p>The Best By code for the product shall be 2 years past the first day of manufacture. For instance, if the batch was started on 01/01/2025, then the Best By Code shall be "01/2027". This shall be printed in yellow or white ink on the bottom of the bottle, and directly beneath the Lot Code.</p>



Finished Good Specification Template



Document Number: Form 007

Effective Date: 10-01-2024

Revision: 07




Spec #004 Rev 06 - MIT45 Super K Extra Strong (30 mL) 12 Pack

Bill of Materials					
Component	Item Number	Item Description	Specification	Qty per POS	UOM
Batch	10005	Super K Extra Strong - Mixed Liquid	#B002	360	mL
Bottle	01783	Painted (30 mL) Super K Extra Strong Bottle	#C080	12	ea
Lid	01784	Matte Black Dropper (30 mL) - CRC TE	#C081	12	ea
Unit Carton	01786	Diamond Box - Super K Extra Strong Individual unit (30 mL)	#C083	12	ea
Label Sticker	03051	Super K Extra Strong Mitragynine Sticker	#C157	13	ea
Display Tray	01789	12ct Display Carton - Super K Extra Strong	#C086	1	ea
Tray Cover	01790	12ct Slip-Case Carton Cover - Super K Extra Strong (30 mL)	#C087	1	ea
Wafer Seal	01382	Wafer Seal - Clear Acetate - 2 1/2"	#C105	2	ea
Master Case	N/A	Master Case (19" x 13" x 10")	N/A	0.083	ea
Tape	N/A	MIT45 Branded Tape	N/A	N/A	N/A

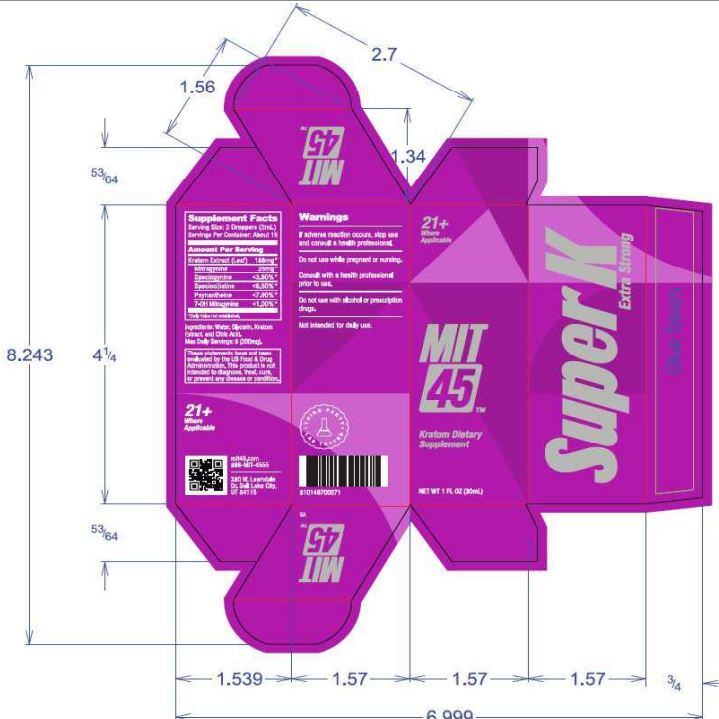


Component Images	
Super K Extra Strong - Mixed Liquid	Matte Black Dropper (30 mL) - CRC TE
	

Finished Product Manufacturing Instruction:	
1	Supervise the bottles as they run through the line, ensuring that none fall over.
2	Check for loose or missing lids. Ensure that tamper resistant seal is intact.
3	Pack the bottles into their individual unit diamond boxes.
4	Place 12 of the diamond boxes into the display tray, all facing forward.
5	Place the tray cover over the filled tray, and seal with 2 clear round stickers on the bottom centers that are opposite of the notch on the assembled carton.
6	Pack the display boxes into master cases and tape with MIT45 branded tape. Place the appropriate sticker on the completed master case. Palletize according to specification.
7	When the pallet is complete, notify Warehouse Personnel and they will collect it.

Spec #004 Rev 06 - MIT45 Super K Extra Strong (30 mL) 12 Pack

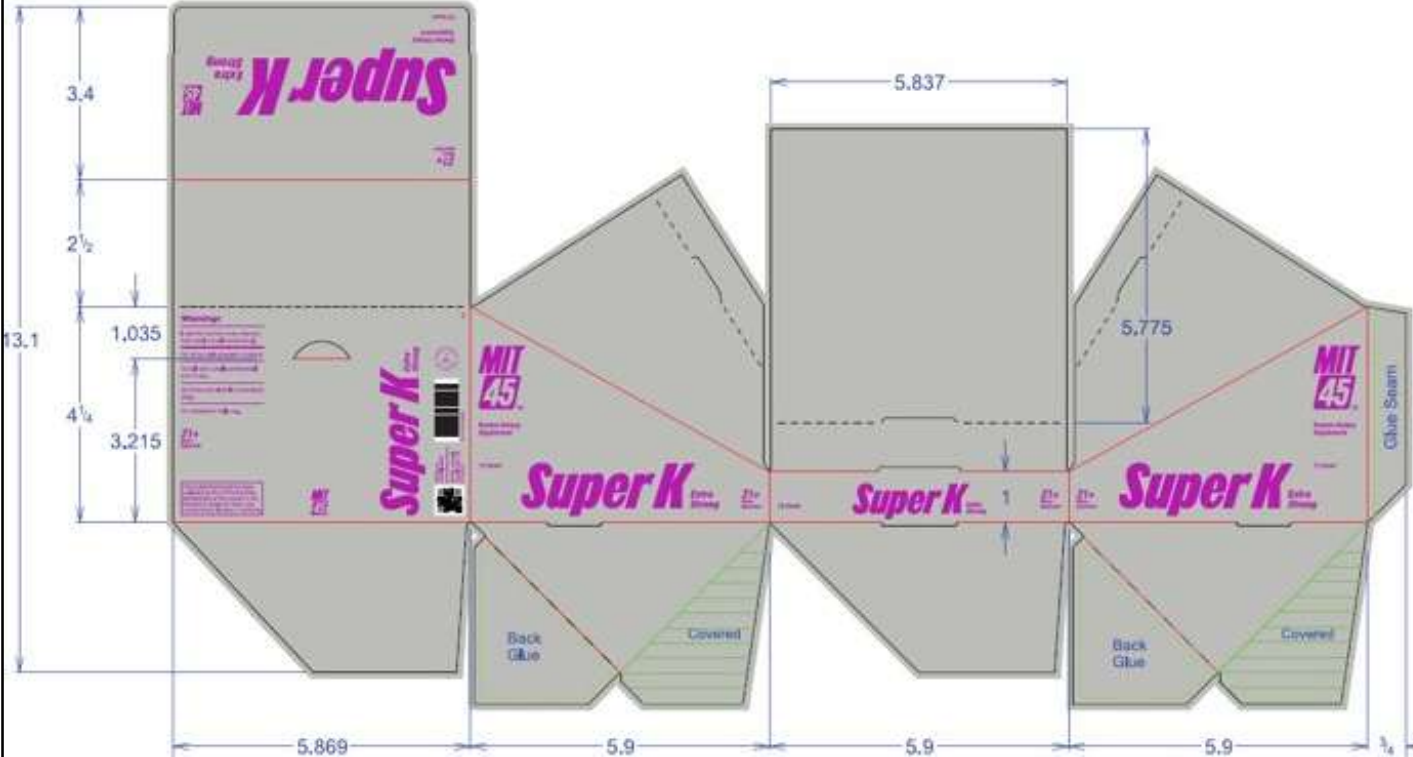

Label Specifications															
Specification Number:	#C080														
Artwork Version:	V2														
QR Code Link:	MIT45.com (Home Page)														
Dimensions:	3.125" (H) x 1.32" (D)														
Material/ Finish:	Clear Glass Bottle / Matte Foil Finish														
Proof/Artwork Image															
	<div><div><div>WARNINGS</div><div>If adverse reaction occurs, stop use and consult a health professional. Do not use while pregnant or nursing. Consult with a health professional prior to use. Do not use with alcohol or prescription drugs. Not intended for daily use.</div><div><div>These statements have not been evaluated by the US Food & Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease or condition.</div><div><div>mit45.com 866-MIT-4555 380 W. Lawndale Dr. Salt Lake City, UT 84115</div></div></div><div><div><div>Kratom Dietary Supplement</div></div><div><div>NET WT 1 FL OZ (30mL)</div><div>V2</div></div></div><div><div>Supplement Facts</div><div>Serving Size: 2 Droppers (2mL) Servings Per Container: About 15</div><table><tr><th colspan="2">Amount Per Serving</th></tr><tr><td>Kratom Extract (Leaf)</td><td>188mg*</td></tr><tr><td>Mitragynine</td><td>25mg*</td></tr><tr><td>Speciogynine</td><td><3.90%*</td></tr><tr><td>Speciociliatine</td><td><6.50%*</td></tr><tr><td>Paynantheine</td><td><7.90%*</td></tr><tr><td>7-OH Mitragynine</td><td><1.00%*</td></tr></table><div>*Daily Value not established.</div><div>Ingredients: Water, Glycerin, Kratom Extract, and Citric Acid. Max Daily Servings: 8 (200mg).</div></div><div><div>21+ Where Applicable</div><div>Ingredients: Water, Glycerin, Kratom Extract, and Citric Acid. Max Daily Servings: 8 (200mg).</div></div></div></div>	Amount Per Serving		Kratom Extract (Leaf)	188mg*	Mitragynine	25mg*	Speciogynine	<3.90%*	Speciociliatine	<6.50%*	Paynantheine	<7.90%*	7-OH Mitragynine	<1.00%*
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Spec #004 Rev 06 - MIT45 Super K Extra Strong (30 mL) 12 Pack

Unit Carton Specifications															
Specification Number:	#C083														
Artwork Version:	V2														
UPC Code:	810149700071														
QR Code Link:	MIT45.com (Home Page)														
Dimensions:	4.25" (H) x 1.5" (W) x 1.5" (D)														
Material/ Finish:	Foil Board, Spot UV, Emboss, Holographic Silver Paper														
Proof/Artwork Image															
<div><div><p>Dimensions: 8.243" (H) x 6.999" (W) x 1.5" (D). Includes panels for Supplement Facts, Warnings, and 21+ statements.</p></div><div><div><p>These statements have not been evaluated by the US Food & Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease or condition.</p><p>mit45.com 866-MIT-4555 380 W. Lawndale Dr. Salt Lake City, UT 84115</p></div><div><p>810149700071 V2</p></div></div></div>															
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[illegible]

Spec #004 Rev 06 - MIT45 Super K Extra Strong (30 mL) 12 Pack

Display Tray Specifications	
Specification Number:	#C086
Artwork Version:	V2
UPC Code:	810149700088
QR Code Link:	MIT45.com (Home Page)
Dimensions:	4.375" (H) x 5.75" (W) x 5.75" (D)
Material/ Finish:	Foil Board, Spot UV, Emboss, Holographic Silver Paper
Proof/Artwork Image	
<div></div> <div><div><div>Warnings</div><div><div>If adverse reaction occurs, stop use and consult a health professional.</div><div>Do not use while pregnant or nursing.</div><div>Consult with a health professional prior to use.</div><div>Do not use with alcohol or prescription drugs.</div><div>Not intended for daily use.</div></div></div><div><div><div>mit45.com</div><div>866-MIT-4555</div><div>380 W. Lawndale</div><div>Dr. Salt Lake City,</div><div>UT 84115</div></div><div><div>810149700088</div></div></div><div><div>These statements have not been evaluated by the US Food & Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease or condition.</div></div></div>	



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Spec #004 Rev 06 - MIT45 Super K Extra Strong (30 mL) 12 Pack

Display Cover Specifications	
Specification Number:	#C087
Artwork Version:	V2
UPC Code:	810149700088
QR Code Link:	MIT45.com (Home Page)
Dimensions:	4.45" (H) x 5.9" (W) x 5.8" (D)
Material/ Finish:	Foil Board, Spot UV, Emboss, Holographic Silver Paper
Proof/Artwork Image	

Warnings

If adverse reaction occurs, stop use and consult a health professional.

Do not use while pregnant or nursing.

Consult with a health professional prior to use.

Do not use with alcohol or prescription drugs.

Not intended for daily use.







mit45.com
866-MIT-4555

380 W. Lawndale
Dr. Salt Lake City,
UT 84115

810149700088

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Spec #004 Rev 06 - MIT45 Super K Extra Strong (30 mL) 12 Pack

Packout Specifications		
Packing Type	Quantity	Packout Description
Display Carton	12 bottles per carton	3 rows of 4 diamond boxes, all forward-facing. Seal the carton securely using two clear round stickers, placed at the center of the bottom on both the front and back sides (opposite of the notches).
<div></div>		
Master Case (19" x 13" x 10")	12 cartons per master case	2 layers of 6 display cartons, with filler paper between the 2 layers, and taped with MIT45 branded tape.
<div></div>		
Pallet Configuration	30 boxes per pallet	6 master cases per layer, 5 layers high. Wrapped with minimum 3 layers stretch wrap and taped with MIT45 branded tape.
<div></div>		

Spec #004 Rev 06 - MIT45 Super K Extra Strong (30 mL) 12 Pack



Weight Specs	
Minimum:	30 mL
Target:	31 mL
Maximum:	33 mL



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Spec #004 Rev 06 - MIT45 Super K Extra Strong (30 mL) 12 Pack

Acceptable Quality Limits	
Critical (Zero Tolerance)	
Empty containers	
Leaking product	
Incorrect component used	
Critical (4%)	
Illegible/Missing/Incorrect Lot Code or Shelf Life	
Damaged components causing product exposure	
Incorrect Label Artwork	
Major (6.5%)	
Damaged components creating esthetic defect	
Print flaw/damage on the primary display panel (including primary artwork/SFP)	
Packout count inaccuracy	
Minor (10%)	
Foreign matter or product residue on the outside of the component	
Print flaw/damage on the non-primary display panel (excluding primary artwork/SFP)	

Sample Requirements		
Type of Sample	Sample Quantity	Time on hand
Testing Samples	3 bottles each pulled from the beginning, middle, and end of production (9 bottles total)	To be sent for testing as soon as possible after production completion.
Product Retains	1 carton each pulled from the beginning, middle, and end of production (3 cartons total)	To be retained for no less than 1 year past the expiration / Best By date.



Spec #004 Rev 06 - MIT45 Super K Extra Strong (30 mL) 12 Pack

Testing Specifications				
Category	Name of Assay	Method	Limit	UOM
Identity	ID Analysis	Cambium/FTIRR	≥ 95	%
	Color/Appearance	Organoleptic (In-House)	Amber - Dark Green	N/A
	Scent	Organoleptic (In-House)	Herbal	N/A
Composition	Composition	Organoleptic (In-House)	Liquid	N/A
	Density (Specific Gravity)	Cambium/TM-017 ARL/2.006	1.13 – 1.17	g/mL
	Water Activity	Cambium/TM-017	Report Only	aw
Purity	Total Aerobic Plate Count	Cambium/TM-060 ARL/USP<2021>	≤ 10,000	CFU/g
	Coliforms	Cambium/TM-059 ARL/AOAC 991.14	≤ 1,000	CFU/g
	Escherichia Coli (E. Coli)	Cambium/TM-059 ARL/USP<2022>	Not Detected	CFU/g
	Staphylococcus aureus	Cambium/TM-062 ARL/USP<2022>	Not Detected	CFU/g
	Salmonella	Cambium/TM-063 ARL/USP<2022>	Not Detected	CFU/g
	Yeast & Mold	Cambium/TM-061 ARL/USP<2021> or AOAC RI	≤ 1,000	CFU/g
Strength	Mitragynine	Cambium/TM-052 UPLC-DAD	20 – 30	mg/serving
	Speciogynine	Cambium/TM-052 UPLC-DAD	≤ 3.90	%
	Speciociliatine	Cambium/TM-052 UPLC-DAD	≤ 6.50	%
	Paynantheine	Cambium/TM-052 UPLC-DAD	≤ 7.90	%
Potential Contaminants	7-OH-Mitragynine	Cambium/TM-047 LC-TQ	≤ 1.00	%
Note	This is a natural product, variances may be found that are due to the growing and drying conditions, age, season, harvest time, geographic location, production process, etc.			



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Spec #004 Rev 06 - MIT45 Super K Extra Strong (30 mL) 12 Pack

Review & Approval

By signing below, I acknowledge that I have read, reviewed, understood, and approved of all the above specifications. I understand that only specifications from the most current signed revision shall be used for production of the above product, unless under a signed deviation.

Dept.	Title	Name	Signature	Date
Quality	Document Control Specialist	Cherie Mayers	DocuSigned by: <i>Cherie Mayers</i> 87BC95A6A508472...	2/20/2025
	Quality Supervisor	Lulu Brea	Signed by: <i>Lulu Brea</i> 70AF16923CC1493...	2/21/2025
	Senior Quality Manager	Matthew Trimble	Signed by: <i>Matt Trimble</i> AD1BB8E654D946B...	2/21/2025
	Vice President of Quality	Brian Anderson	Signed by: <i>Brian Anderson</i> 9FB5FE41C3DB488...	2/20/2025
Operations	Production Supervisor	Fernando Vazquez or Blanca Perez	Signed by: <i>Fernando Vazquez</i> C5A5A9124D49407...	2/20/2025
	Director of Manufacturing	Parker Brohl	Signed by: <i>Parker Brohl</i> 7497C538E91D403...	2/20/2025
ERP	Senior Director of Operations	Jordan Briggs	DocuSigned by: <i>Jordan Briggs</i> C366AA73144A4B1...	2/20/2025



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Specification Number:	Spec #004 Rev 06	Effective Date:	02-24-2025
FG Item Number:	30036	Allergens:	None
FG Item Description:	MIT45 Super K Extra Strong (30 mL) 12 Pack		

Revision History

Revision	Date	Description of Revision	Author
00	11-22-2022	New Specification	Courtney Burton
01	06-26-2023	Revised Form Template, Acumatica Stock Item # Update, Addition of Fill Weights, Update to Testing, & Addition of Pricing	Courtney Burton
02	12-12-2023	Update BOM descriptions and sample quantities	Courtney Burton
03	06-23-2024	Updated to new template. Correct item number for Display Carton. Added organoleptic image. Updated fill volume/weight limits. Removed corrective UPC sticker from packaging instructions. Updated Lot Coding to allow top of lid or bottom of bottle. Updated testing to correct density limits, remove Nickel, add Kratom sub-alkaloids, add Residual Solvents.	Cherie Mayers
04	11-18-2024	Updated entire specification for rebrand; all new artwork components, updated Lot Coding location, updated Strength testing limits (all alkaloids), added testing for pesticides, new packout instructions, and updated retention time.	Cherie Mayers
05	11-20-2024	Updated AQL for leaking product to be Zero Tolerance	Cherie Mayers
06	02-20-2025	Added Mitragynine stickers (CHG #25-006). Updated weight limits to volume limits (CHG #25-003), testing specifications (CHG #25-002), wafer seal sticker size (CHG #24-051), and packout specifications (CHG #25-005).	Cherie Mayers