

ANALYZED BY:

Anresco Laboratories
1375 Van Dyke Avenue,
San Francisco, CA 94124

CUSTOMER:

MIT Therapy, Inc.
2623 S. Fry Street, Suite 154
Boise, ID 83709



SAMPLE INFORMATION

Sample No.: 1427351
Product Name: Mit Traditional Red Gold Powder
Matrix: Plant Material
Lot #: 3TT0616

Date Collected: 07/08/2026
Date Received: 07/08/2026
Date Reported: 07/15/2026

TEST SUMMARY

Alkaloids: ✔ Tested
Pesticide Residue Screen: ✔ Pass
Foreign Material: ✔ Pass
Other Analyses: ✔ Pass

Microbiological Screen: ✔ Pass
Heavy Metal Screen: ✔ Pass
Mycotoxin Screen: ✔ Pass
Overall: ✔ Pass

Alkaloids

07/14/2026

Method: MF 12D030
Instrument: Liquid Chromatography Diode Array Detector (LC-DAD)
Limit of Detection 0.04 mg/g
Limit of Quantitation 0.1 mg/g

Analyte	mg/g	%
7-OH Mitragynine	ND	ND
MGM-15	ND	ND
Mitragynine Pseudoindoxyl	ND	ND
Mitragynine	13.92	1.392
Paynantheine	2.98	0.298
Speciogynine	2.10	0.210
Speciociliatine	3.65	0.365
Total Alkaloids	22.65	2.265

Microbiological Screen ✔ Pass

07/15/2026

Analyte	Findings	Units	Method	Limit	Status
Standard Plate Count	3200	cfu/g	FDA BAM	10,000	Pass
Yeast and Mold	<10	cfu/g	FDA BAM	10,000	Pass
Salmonella	Not Detected	/1g	AOAC 2013.01	Not Detected/1g	Pass
STEC	Not Detected	/1g	MF-MICRO-18	Not Detected/1g	Pass

Pesticide Residue Screen ✔ Pass

07/14/2026

Method: MF-CHEM-13
Regulatory Standard* Utah
Instrument: Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)

Analyte	LOD / LOQ (ppm)	Findings (ppm)	Limit	Status
Abamectin	0.04/0.1	ND	0.5	Pass
Acephate	0.02/0.06	ND	0.4	Pass
Acequinocyl	0.04/0.1	ND	2.0	Pass
Acetamiprid	0.017/0.05	ND	0.2	Pass
Aldicarb	0.02/0.06	ND	0.4	Pass
Azoxystrobin	0.02/0.06	ND	0.2	Pass
Bifenazate	0.02/0.06	ND	0.2	Pass
Bifenthrin	0.04/0.1	ND	0.2	Pass
Boscalid	0.02/0.06	ND	0.4	Pass
Carbaryl	0.02/0.06	ND	0.2	Pass

Analyte	LOD / LOQ (ppm)	Findings (ppm)	Limit	Status
Carbofuran	0.017/0.05	ND	0.2	Pass
Chlorantraniliprole	0.02/0.06	ND	0.2	Pass
Chlorfenapyr	0.02/0.06	ND	1.0	Pass
Chlorpyrifos	0.02/0.06	ND	0.2	Pass
Clofentezine	0.02/0.06	ND	0.2	Pass
Cyfluthrin	0.1/0.3	ND	1.0	Pass
Cypermethrin	0.1/0.3	ND	1.0	Pass
Daminozide	0.017/0.05	ND	1.0	Pass
Diazinon	0.017/0.05	ND	0.2	Pass
Dichlorvos	0.013/0.04	ND	0.1	Pass
Dimethoate	0.017/0.05	ND	0.2	Pass
Ethoprophos	0.02/0.06	ND	0.2	Pass
Etofenprox	0.02/0.06	ND	0.4	Pass
Etoxazole	0.02/0.06	ND	0.2	Pass
Fenoxycarb	0.02/0.06	ND	0.2	Pass
Fenpyroximate	0.02/0.06	ND	0.4	Pass
Fipronil	0.02/0.06	ND	0.4	Pass
Flonicamid	0.02/0.06	ND	1.0	Pass
Fludioxonil	0.02/0.06	ND	0.4	Pass
Hexythiazox	0.02/0.06	ND	1.0	Pass
Imazalil	0.02/0.06	ND	0.2	Pass
Imidacloprid	0.02/0.06	ND	0.4	Pass
Kresoxim-methyl	0.02/0.06	ND	0.4	Pass
Malathion	0.017/0.05	ND	0.2	Pass
Metalaxyl	0.017/0.05	ND	0.2	Pass
Methiocarb	0.02/0.06	ND	0.2	Pass
Methomyl	0.013/0.04	ND	0.4	Pass
Methyl parathion	0.02/0.06	ND	0.2	Pass
MGK-264	0.03/0.1	ND	0.2	Pass
Myclobutanil	0.02/0.06	ND	0.2	Pass
Naled	0.017/0.05	ND	0.5	Pass
Oxamyl	0.013/0.04	ND	1.0	Pass
Paclobutrazol	0.02/0.06	ND	0.4	Pass
Permethrin	0.1/0.3	ND	0.2	Pass
Phosmet	0.02/0.06	ND	0.2	Pass
Piperonyl butoxide	0.017/0.05	ND	2.0	Pass
Prallethrin	0.04/0.1	ND	0.2	Pass
Propiconazole	0.02/0.06	ND	0.4	Pass
Propoxur	0.013/0.04	ND	0.2	Pass
Pyrethrins	0.15/0.5	ND	1.0	Pass
Pyridaben	0.017/0.05	ND	0.2	Pass
Spinosad	0.02/0.06	ND	0.2	Pass
Spiromesifen	0.04/0.1	ND	0.2	Pass
Spirotetramat	0.02/0.06	ND	0.2	Pass
Spiroxamine	0.017/0.05	ND	0.4	Pass
Tebuconazole	0.02/0.06	ND	0.4	Pass
Thiacloprid	0.013/0.04	ND	0.2	Pass
Thiamethoxam	0.02/0.06	ND	0.2	Pass
Trifloxystrobin	0.02/0.06	ND	0.2	Pass

Heavy Metal Screen ✓ Pass

07/14/2026

Method: MF-CHEM-16

Instrument: ICP-MS

Analyte	LOD / LOQ (ppm)	Findings (ppm)	Limit	Status
Arsenic	0.033/0.101	0.3	2.0	Pass
Cadmium	0.047/0.141	ND	0.82	Pass
Mercury	0.014/0.05	ND	0.4	Pass
Lead	0.107/0.324	0.7	1.2	Pass

Foreign Material ✓ Pass

07/14/2026

Method: MF-CHEM-7

Analyte	Findings	Limit	Status
Sand, Soils, Cinders, and Dirt	ND	25%	Pass
Mold	ND	25%	Pass
Imbedded Foreign Material	ND	25%	Pass
Insect Fragment	ND	1 per 3g	Pass
Hair	ND	1 per 3g	Pass
Mammalian Excreta	ND	1 per 3g	Pass

Mycotoxin Screen ✔ Pass

07/14/2026

Method: MF-CHEM-13

Regulatory Standard* Utah

Instrument: Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)

Analyte	LOD / LOQ (ppm)	Findings (ppm)	Limit	Status
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Other Analyses ✔ Pass

07/15/2026

Analyte	LOD / LOQ (ppb)	Findings (ppb)	Limit	Status
Aflatoxin B1	2/5	ND	5	Pass
Aflatoxin B2	2/5	ND	5	Pass
Aflatoxin G1	2/5	ND	5	Pass
Aflatoxin G2	2/5	ND	5	Pass
Total Aflatoxins	8/20	ND	20	Pass
Ochratoxin A	6/18	ND	20	Pass

ND = None Detected
LOD = Limit of Detection
LOQ = Limit of Quantitation

Reported by



Vu Lam
Lab Co Director

July 15, 2026



Scan to verify