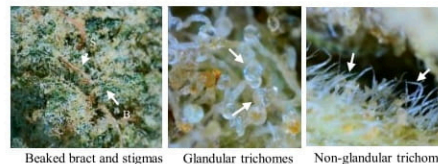
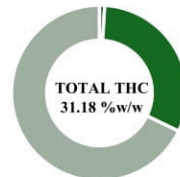


LABORATORY TEST REPORT

Head Office: 1 Charoen Aksorn Building, 5th Floor, Charoenrat Road, Sathon,
Bangkok 10120, Thailand Tel.: 02-210-8888
Factory / QC Laboratory: 789/155 Moo 1, Pinthong Industrial Estate, Nongkham, Siracha,
Chonburi 20230, Thailand Tel.: 03-834-2555

Report No. : 2025-A25057
Sample received date : 13/02/2025
Reported on : 21/02/2025

Sample Name Georgia Runtz
Customer Name and Address MTgrow Co., Ltd. 116/7 Moo 6 Golden Neo Village
Phanthainoradssing Mueang Samut Sakhon, Samut Sakhon 74000
Manufacturing Date 10/01/2025
Expiry Date N/A
Detail of Sample Cannabis flowers packed in a plastic jar; growing method: indoor,
substrate: Rockwool, Fertilizer : MTgrow liquid line
Batch No. 10/1/2025
Material Batch No. N/A
Sample No. EX25-042
Testing Start Date 13/02/2025
Testing End Date 21/02/2025



ANALYTICAL RESULT

Parameter	Test Method	Specification	Result	Unit	LOD
Physical Properties					
Loss on drying	In-house method TNRB-QC-TM-02 based on Ph.Eur. 2.8.17	Nonspecific	12.94	%w/w	N/A
Identification					
Macroscopic examination	In-house method TNRB-QC-TM-01 by organoleptic inspection	Presence of beaked bracts with stigmas	Conforms	N/A	N/A
Microscopic examination	In-house method TNRB-QC-TM-11 by microscopic inspection	Presence of glandular and non-glandular trichomes	Conforms	N/A	N/A
HPLC Retention time	In-house method TNRB-QC-TM-03-1 based on AOAC 2018.11 (2023) and Ph.Eur. 2.2.29	RT of the sample matches the standard	Conforms	N/A	N/A
Cannabinoid groups					
Cannabidiol (CBD)	In-house method TNRB-QC-TM-03-2 based on AOAC 2018.11 (2023) and Ph.Eur. 2.2.29 by HPLC Technique	Nonspecific	0.90	%w/w	0.0000013
Cannabidiolic acid (CBDA)		Nonspecific	0.07	%w/w	0.0000030
d9-Tetrahydrocannabinol (d9-THC)		Nonspecific	6.99	%w/w	0.0000023
Tetrahydrocannabinolic acid (THCA)		Nonspecific	27.59	%w/w	0.0000014
Total Cannabidiol (CBD)		Nonspecific	0.96	%w/w	N/A
Total Tetrahydrocannabinol (THC)		Nonspecific	31.18	%w/w	N/A
Heavy Metal					
Arsenic (As)	In-house method TNRB-QC-TM-07-1 based on Ph.Eur. 2.4.27 by ICP/MS Technique	Nonspecific	0.04	ppm	N/A
Cadmium (Cd)		Nonspecific	0.02	ppm	N/A
Lead (Pb)		Nonspecific	0.13	ppm	N/A
Mercury (Hg)		Nonspecific	0.04	ppm	N/A

- End of Report -

PASS GACP
Heavy Metal standard

มาตรฐานวัตถุติดกัญชา	
ชนิด	ข้อกำหนดมาตรฐาน
1. โลหะหนัก (Heavy metal contamination)	
สารหนู (Arsenic)	≤ 4 ppm
แคดเมียม (Cadmium)	≤ 0.3 ppm
ตะกั่ว (Lead)	≤ 10 ppm
ปรอท (Mercury)	≤ 0.5 ppm

Remark :
1) All laboratory activities were performed by QC Laboratory of TNR Bioscience Co., Ltd. inside the factory facility. Except for Microbiology Test that was performed by Microbiology Laboratory of Thai Nippon Rubber Industry PCL.
2) This report shall not be reproduced, except in full, without the written approval of QC Laboratory of TNR Bioscience Co., Ltd..
3) The test results in this report refer only to the samples tested by this laboratory.
4) Abbreviations: ND: not detected; N/A: not applicable
5) Total CBD and THC are calculated using following formulas: Total CBD = %CBD + (%CBDA*0.877); Total THC = %D9-THC + (%THCA*0.877)
6) Unit conversion: 0.01 mg/g = 0.001 %w/w = 10 ppm
7) The potency results were calculated based on dried basis.



PREPARED BY
Weerachai Chairat
QC Chemist

Date: 21/02/2025.



APPROVED BY
Sunita Sedkhao
QA Pharmacist

Date: 21/02/2025.