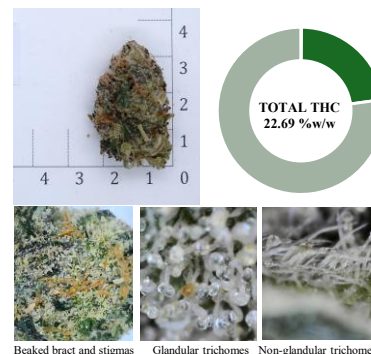


LABORATORY TEST REPORT

Head Office: 1 Charoen Aksorn Building, 5th Floor, Charoenrat Road, Sathorn, Bangkok 10120, Thailand Tel.: 02-210-8888
Factory / QC Laboratory: 789/155 Moo 1, Pinthong Industrial Estate, Nongkham, Sriracha, Chonburi 20230, Thailand Tel.: 03-834-2555, 06-4559-9065

Report No. : 2025-A251122
Sample received date : 26/11/2025
Reported on : 17/12/2025

Sample Name Gelato X
Customer Name and Address SABAI SABAI FARM, 23/6, Mu 7, Nongtakong Sub-district, Pongnamron District, Chanthaburi Province 22140
Manufacturing Date 19/11/2025
Expiry Date N/A
Detail of Sample Cannabis flowers packed in a ziplock bag
Batch No. Lot. 006/2025 Batch.1524112025
Material Batch No. N/A
Sample No. EX25-1044
Testing Start Date 04/12/2025
Testing End Date 17/12/2025



ANALYTICAL RESULT

Parameter	Test Method	Specification	Result	Unit	LOD
Physical Properties					
Appearance	In-house method TNRB-QC-TM-01	N/A	Dried cannabis flowers	N/A	N/A
Color	by organoleptic inspection	N/A	Brownish green	N/A	N/A
Foreign matter	In-house method TNRB-QC-TM-01 based on Ph.Eur. 2.8.2	N/A	ND	%w/w	N/A
Moisture Content at 105 °C	In-house method TNRB-QC-TM-02 by Moisture balance	N/A	11.19	%w/w	N/A
Loss on drying	In-house method TNRB-QC-TM-02 based on Ph.Eur. 2.2.32	N/A	9.79	%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-16 based on Ph. Eur. Monograph 07/2024:3028 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-16 based on Ph. Eur. Monograph 07/2024:3028 and Ph.Eur. 2.2.29 by HPLC Technique	N/A	ND	%w/w	0.00014
Cannabidiolic acid (CBDA)		N/A	0.15	%w/w	0.00003
d9-Tetrahydrocannabinol (d9-THC)		N/A	2.90	%w/w	0.00004
Tetrahydrocannabinolic acid (THCA)		N/A	22.56	%w/w	0.00008
Cannabigerol (CBG)		N/A	0.13	%w/w	0.00002
Cannabigerolic acid (CBGA)		N/A	0.40	%w/w	0.00006
Cannabidivarin (CBDV)		N/A	0.14	%w/w	0.00010
Cannabinol (CBN)		N/A	ND	%w/w	0.00004
Cannabichromene (CBC)		N/A	ND	%w/w	0.00005
Δ9-Tetrahydrocannabivarin (THCV)		N/A	ND	%w/w	0.00002
Total Cannabidiol (CBD)		N/A	0.13	%w/w	N/A
Total Tetrahydrocannabinol (THC)		N/A	22.69	%w/w	N/A
Terpenes					
alpha-Pinene	In-house method TNRB-QC-TM-10 based on Ph.Eur. 2.2.28 by GC/MS Technique	N/A	0.24	%w/w	N/A
Camphene		N/A	ND	%w/w	N/A
beta-Myrcene		N/A	1.18	%w/w	N/A
(-)-beta-Pinene		N/A	0.08	%w/w	N/A
delta-3-Carene		N/A	ND	%w/w	N/A
alpha-Terpinene		N/A	ND	%w/w	N/A
d-Limonene		N/A	0.19	%w/w	N/A
Ocimene		N/A	0.29	%w/w	N/A
Eucalyptol		N/A	ND	%w/w	N/A
gamma-Terpinene		N/A	ND	%w/w	N/A
Terpinolene		N/A	ND	%w/w	N/A
Linalool		N/A	0.11	%w/w	N/A
(-)-Isopulegol		N/A	ND	%w/w	N/A
Geraniol		N/A	ND	%w/w	N/A
beta-Caryophyllene		N/A	ND	%w/w	N/A
alpha-Humulene		N/A	0.32	%w/w	N/A
Nerolidol		N/A	0.08	%w/w	N/A
p-Isopropyltoluene (p-Cymene)		N/A	ND	%w/w	N/A
(-)-Guaiol		N/A	ND	%w/w	N/A
(-)-Caryophyllene oxide		N/A	ND	%w/w	N/A
(-)-alpha-Bisabolol		N/A	ND	%w/w	N/A
Total Terpenes		N/A	2.47	%w/w	N/A

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Report No. : 2025-A251122
Sample received date : 26/11/2025
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ANALYTICAL RESULT

Parameter	Test Method	Specification	Result	Unit	LOD
Heavy Metal					
Nickel (Ni)	In-house method TNRB-QC-TM-07-1 based on Ph.Eur. 2.4.27 by ICP/MS Technique	N/A	0.18	ppm	N/A
Zinc (Zn)		N/A	36.75	ppm	N/A
Arsenic (As)		N/A	ND	ppm	N/A
Cadmium (Cd)		N/A	0.06	ppm	N/A
Mercury (Hg)		N/A	ND	ppm	N/A
Lead (Pb)		N/A	0.03	ppm	N/A
Mycotoxins					
Aflatoxin B1	In-house method TNRB-QC-TM-06 based on Ph.Eur. 2.8.18 by LC/MS/MS Technique	N/A	ND	µg/kg	N/A
Total Aflatoxins (B1, B2, G1, G2)		N/A	ND	µg/kg	N/A
Ochratoxin A	In-house method TNRB-QC-TM-06 based on Ph.Eur. 2.8.22 by LC/MS/MS Technique	N/A	ND	µg/kg	N/A
Pesticides					
Acephate	In-house method TNRB-QC-TM-05 based on Ph.Eur 2.8.13 by GC/MS/MS Technique	N/A	ND	mg/kg	N/A
Alachlor		N/A	ND	mg/kg	N/A
Aldrin and dieldrin (sum of)		N/A	ND	mg/kg	N/A
Azinphos-ethyl		N/A	ND	mg/kg	N/A
Azinphos-methyl		N/A	ND	mg/kg	N/A
Bromophos-ethyl		N/A	ND	mg/kg	N/A
Bromophos-methyl		N/A	ND	mg/kg	N/A
Brompropylate		N/A	ND	mg/kg	N/A
Chlordane (sum of cis-, trans-and oxychlordane)		N/A	ND	mg/kg	N/A
Chlorfenvinphos		N/A	ND	mg/kg	N/A
Chlorpyriphos-ethyl		N/A	ND	mg/kg	N/A
Chlorpyriphos-methyl		N/A	ND	mg/kg	N/A
Chlorthal-dimethyl		N/A	ND	mg/kg	N/A
Cyfluthrin (sum of)		N/A	ND	mg/kg	N/A
lamda-Cyhalothrin		N/A	ND	mg/kg	N/A
Cypermethrin and isomers (sum of)		N/A	ND	mg/kg	N/A
DDT (sum of o,p'-DDE, p,p'-DDE, o,p'-DDT, p,p'-DDT, o,p'-TDE and p,p'-TDE)		N/A	ND	mg/kg	N/A
Deltamethrin		N/A	ND	mg/kg	N/A
Diazinon		N/A	ND	mg/kg	N/A
Dichlofluanid		N/A	ND	mg/kg	N/A
Dichlorvos		N/A	ND	mg/kg	N/A
Dicofol		N/A	ND	mg/kg	N/A
Dimethoate and omethoate (sum of)		N/A	ND	mg/kg	N/A
Endosulfan (sum of isomers and endosulfan sulfate)		N/A	ND	mg/kg	N/A
Endrin		N/A	ND	mg/kg	N/A
Ethion		N/A	ND	mg/kg	N/A
Etrimphos		N/A	ND	mg/kg	N/A
Fenitrothion		N/A	ND	mg/kg	N/A
Fenvalerate		N/A	ND	mg/kg	N/A
τ-Fluvalinate		N/A	ND	mg/kg	N/A
Fonophos		N/A	ND	mg/kg	N/A
Heptachlor (sum of heptachlor, cis-heptachlorepoxyde and trans-heptachlorepoxyde)		N/A	ND	mg/kg	N/A
Hexachlorbenzene		N/A	ND	mg/kg	N/A
Hexachlorocyclohexane (sum of isomers α-, β- and δ-		N/A	ND	mg/kg	N/A
Lindan (γ-hexachlorocyclohexane)		N/A	ND	mg/kg	N/A
Malathion and malaoxon (sum of)		N/A	ND	mg/kg	N/A
Methamidophos		N/A	ND	mg/kg	N/A
Methidathion		N/A	ND	mg/kg	N/A
Methoxychlor		N/A	ND	mg/kg	N/A
Mirex		N/A	ND	mg/kg	N/A
Monocrotophos		N/A	ND	mg/kg	N/A
Parathion-ethyl and paraoxon-ethyl (sum of)		N/A	ND	mg/kg	N/A
Parathionmethyl -and Paraoxon-methyl (sum of)		N/A	ND	mg/kg	N/A
Pendimethalin		N/A	ND	mg/kg	N/A
Pentachloranisole		N/A	ND	mg/kg	N/A
Permethrin and isomers (sum of)		N/A	ND	mg/kg	N/A
Phosalone		N/A	ND	mg/kg	N/A
Phosmet		N/A	ND	mg/kg	N/A
Piperonyl butoxide		N/A	ND	mg/kg	N/A
Pirimiphos-ethyl		N/A	ND	mg/kg	N/A
Pirimiphos-methyl (sum of pirimiphos-methyl and N-desethyl-pirimiphos-methyl)		N/A	ND	mg/kg	N/A
Procymidone		N/A	ND	mg/kg	N/A
Profenophos		N/A	ND	mg/kg	N/A
Prothiophos		N/A	ND	mg/kg	N/A

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ANALYTICAL RESULT

Parameter	Test Method	Specification	Result	Unit	LOD
Pesticides					
Pyrethrum (sum of cinerin I, cinerin II, jasmolin I, jasmolin II, pyrethrin I and pyrethrin II)	In-house method TNRB-QC-TM-05 based on Ph.Eur 2.8.13 by GC/MS/MS Technique	N/A	ND	mg/kg	N/A
Quinalphos		N/A	ND	mg/kg	N/A
S-421		N/A	ND	mg/kg	N/A
Tecnazene		N/A	ND	mg/kg	N/A
Tetradifon		N/A	ND	mg/kg	N/A
Vinclozolin		N/A	ND	mg/kg	N/A
Fenchlorophos (sum of fenchlorophos and fenchlorophos-oxon)	In-house method TNRB-QC-TM-05 based on Ph.Eur 2.8.13 by GC/MS/MS and LC/MS/MS Techniques	N/A	ND	mg/kg	N/A
Fensulfothion (sum of fensulfothion, fensulfothion-oxon, fensulfothion-oxonsulfon and fensulfothion-sulfon)		N/A	ND	mg/kg	N/A
Fenthion (sum of fenthion, fenthion-oxon, fenthion-oxon-sulfon, fenthion-oxon-sulfoxid, fenthion-sulfon and fenthion-sulfoxid)		N/A	ND	mg/kg	N/A
Quintozene (sum of quintozene, pentachloraniline and methyl pentachlorophenyl sulfide)		N/A	ND	mg/kg	N/A
Fenpropathrin	In-house method TNRB-QC-TM-05 based on Ph.Eur 2.8.13 by LC/MS/MS Technique	N/A	ND	mg/kg	N/A
Flucytrinate		N/A	ND	mg/kg	N/A
Mecarbam		N/A	ND	mg/kg	N/A
Methacriphos		N/A	ND	mg/kg	N/A
Microbial Enumeration					
Total Aerobic Microbial Count (TAMC)	In-house method TNR-ML-TM-10-3 based on Ph.Eur. 2.6.31	N/A	85	CFU/g	N/A
Total Combined Yeasts & Molds Count (TYMC)		N/A	2.4 x 10 ²	CFU/g	N/A
Specified Microorganisms					
Bile-tolerant Gram-negative bacteria	In-house method TNR-ML-TM-11-3 based on Ph.Eur. 2.6.31	N/A	< 10 ² and > 10	CFU/g	N/A
<i>Staphylococcus aureus</i>	In-house method TNR-ML-TM-11-3 based on Ph.Eur. 2.6.13	N/A	Absent	per 1 g	N/A
<i>Pseudomonas aeruginosa</i>		N/A	Absent	per 1 g	N/A
<i>Escherichia coli</i>	In-house method TNR-ML-TM-11-3 based on Ph.Eur. 2.6.13, 31	N/A	Absent	per 1 g	N/A
<i>Salmonella spp.</i>		N/A	Absent	per 25 g	N/A
<i>Clostridium spp.</i>	In-house method TNR-ML-TM-11-3 based on Ph.Eur. 2.6.13	N/A	Absent	per 1 g	N/A

- End of Report -

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 result apply to the sample as received.
- 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 and terpenes results were calculated based on dried basis.



PREPARED BY
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QC Chemist

Date: 17/12/2025



APPROVED BY
Sunita Sedkhao
QA Pharmacist

Date: 17/12/2025