

**LABORATORY TEST REPORT**

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Report No. : 2025-A25724  
 Sample received date : 25/08/2025  
 Reported on : 17/09/2025

<b>Sample Name</b>	Trop Cherry Gas
<b>Customer Name and Address</b>	Holly Smoke Koh Samui Co., Ltd / No. 7/1 Village No. 5, Bo Phut Subdistrict, Koh Samui District, Surat Thani Province 84320
<b>Manufacturing Date</b>	N/A
<b>Expiry Date</b>	N/A
<b>Detail of Sample</b>	Cannabis flowers packed in a ziplock bag
<b>Batch No.</b>	4
<b>Material Batch No.</b>	N/A
<b>Sample No.</b>	EX25-680
<b>Testing Start Date</b>	13/09/2025
<b>Testing End Date</b>	17/09/2025


**ANALYTICAL RESULT**

Parameter	Test Method	Specification	Result	Unit	LOD
<b>Physical Properties</b>					
Appearance	In-house method TNRB-QC-TM-01 by organoleptic inspection	N/A	Dried cannabis flowers	N/A	N/A
Color		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	N/A	N/A
Loss on drying	In-house method TNRB-QC-TM-02 based on Ph.Eur. 2.2.32	N/A	11.44	%w/w	N/A
<b>Identification</b>					
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
<b>Cannabinoid groups</b>					
Cannabidiol (CBD)	In-house method TNRB-QC-TM-03-1 based on AOAC (2023) 2018.11 and Ph.Eur. 2.2.29 by HPLC Technique	N/A	0.10	%w/w	0.00014
Cannabidiolic acid (CBDA)		N/A	0.14	%w/w	0.00003
d9-Tetrahydrocannabinol (d9-THC)		N/A	1.21	%w/w	0.00004
Tetrahydrocannabinolic acid (THCA)		N/A	22.64	%w/w	0.00008
Cannabigerol (CBG)		N/A	0.07	%w/w	0.00002
Cannabigerolic acid (CBGA)		N/A	0.05	%w/w	0.00006
Cannabidivarin (CBDV)		N/A	ND	%w/w	0.00010
Cannabinol (CBN)		N/A	0.66	%w/w	0.00004
Cannabichromene (CBC)		N/A	0.12	%w/w	0.00005
Δ9-Tetrahydrocannabivarin (THCV)		N/A	0.11	%w/w	0.00002
<b>Total Cannabidiol (CBD)</b>		N/A	<b>0.23</b>	%w/w	N/A
<b>Total Tetrahydrocannabinol (THC)</b>		N/A	<b>21.06</b>	%w/w	N/A
<b>Terpenes</b>					
alpha-Pinene	In-house method TNRB-QC-TM-10 based on Ph.Eur. 2.2.28 by GC/MS Technique	N/A	0.02	%w/w	N/A
Camphene		N/A	0.01	%w/w	N/A
beta-Myrcene		N/A	0.08	%w/w	N/A
(-)-beta-Pinene		N/A	0.03	%w/w	N/A
delta-3-Carene		N/A	ND	%w/w	N/A
alpha-Terpinene		N/A	0.01	%w/w	N/A
d-Limonene		N/A	0.18	%w/w	N/A
Ocimene		N/A	0.01	%w/w	N/A
Eucalyptol		N/A	ND	%w/w	N/A
gamma-Terpinene		N/A	ND	%w/w	N/A
Terpinolene		N/A	0.01	%w/w	N/A
Linalool		N/A	0.31	%w/w	N/A
(-)-Isopulegol		N/A	ND	%w/w	N/A
Geraniol		N/A	ND	%w/w	N/A
beta-Caryophyllene		N/A	0.64	%w/w	N/A
alpha-Humulene		N/A	0.23	%w/w	N/A
Nerolidol		N/A	ND	%w/w	N/A
p-Isopropyltoluene (p-Cymene)		N/A	0.11	%w/w	N/A
(-)-Guaiol		N/A	ND	%w/w	N/A
(-)-Caryophyllene oxide		N/A	0.02	%w/w	N/A
(-)-alpha-Bisabolol		N/A	0.08	%w/w	N/A
<b>Total Terpenes</b>		N/A	<b>1.72</b>	%w/w	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.



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