

Basic Information

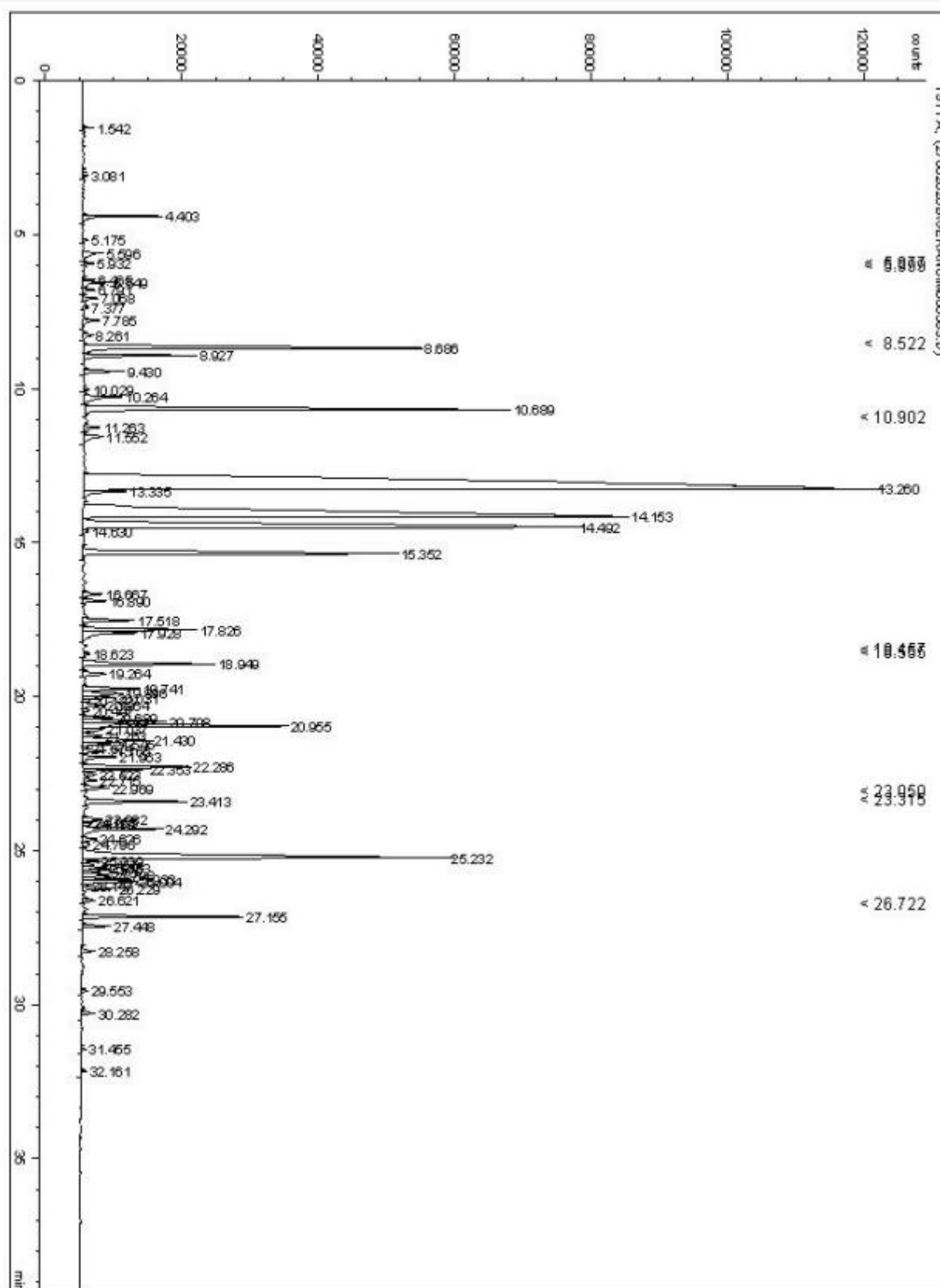
Sample Name: **Organic Geranium Essential Oil**
Lot No: **QC09360505**
Brand: HIQILI
Origin: **Egypt**
Extraction Process: **Steam Distillation**
Test Equipment: Gas Chromatography-Mass Spectrometer (GC-MS)
Test Standard: **ISO 4731:2012 International Standard for Geranium Oil**
Test Date: July 23, 2026
Test Institution: Jinyunli (Guangdong) Biotechnology Laboratory

Quantitative Analysis of Main Volatile Compounds

Compliant with ISO 4731:2012 specification for Geranium oil, Unit: mass percentage %

No.	Name of characteristics	CAS NO.	Mass percentage/%	Technical indicators
1	Citronellol	106-22-9	31.4	20.0~40.0
2	Geraniol	106-24-1	14.4	10.0~25.0
3	Isomenthone	491-07-6	5.8	4.0~8.0
4	Citronellyl formate	105-85-1	8.6	5.0~12.0
5	Geranyl formate	105-86-2	3.7	2.0~8.0
6	Linalool	78-70-6	4.3	0.5~4.0
7	β-Caryophyllene	87-44-5	3.2	1.0~6.0
8	Menthone	89-80-5	0.5	0.5~3.0
9	α-Pinene	80-56-8	0.3	0.1~1.0
10	Limonene	5989-27-5	0.8	0.2~2.0
11	Geranial	141-27-5	0.2	0.1~1.5
12	Neral	106-26-3	0.1	0.1~1.5

Test Chart:



Spectrum Qualitative Conclusion

All characteristic compound contents of submitted Tea Tree oil fully meet requirements of ISO 4731:2012 Geranium Oil. The sample is pure natural steam-distilled Geranium essential oil without adulteration or synthetic additives, compliant with export specifications for cosmetic, aromatherapy and daily chemical raw materials.