



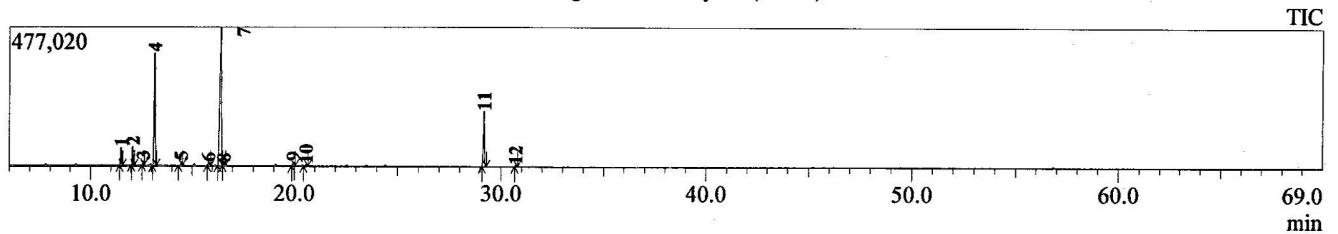
Government of Nepal  
Ministry of Forests & Environment  
Department of Plant Resources  
Thapathali, Kathmandu  
Instrument Section  
Test Report



Issued To: *Himvat Sherpa Botanicals*  
Sample Name: Xanthoxylum(Timur) oil  
Sampled by: Customer  
Received Date: 6/23/2023  
Sample Amount: 5 mL  
Report No.: 154  
Detector Type: MS  
Column Type: RTX-5MS

Sample Type: Essential Oil  
Sample ID: IF-199  
Analyzed Date: 6/26/2023  
Report Issue Date: 6/27/2023  
Injection Volume: 1.00 uL  
Packing of Sample: Glass Vial  
Library Used: FFNSC 4.0  
Dimension of Column: 60mX0.32mmX0.25um

GCMS Profiling  
Chromatogram Xanthoxylum(Timur) oil



Peak#	R.Time	Area	Area%	Name
1	11.510	182138	3.15	Myrcene
2	12.085	200766	3.47	Phellandrene <alpha->
3	12.608	48292	0.83	Terpinene <alpha->
4	13.163	1583375	27.35	Sylvestrene
5	14.480	52399	0.91	Terpinene <gamma->
6	15.834	46683	0.81	Terpinolene
7	16.432	2724257	47.06	Linalool
8	16.579	33576	0.58	Propanoate <2-methyl-, 1,3-dimethyl-, 3-bute
9	19.955	65632	1.13	Terpinen-4-ol
10	20.575	42237	0.73	Terpineol <alpha->
11	29.191	781528	13.50	Cinnamate <(E)-, methyl->
12	30.726	28211	0.49	Caryophyllene <(E)->
		5789094	100.00	

Analyzed By

Checked By

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3. Test report shall not be reproduced, except in full, without the written consent of the laboratory.
4. The name of the sample was claimed by the customer.