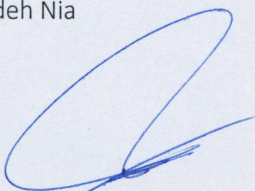

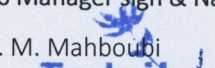


Code: FQ01-00\*

Date: 14 Aug 2020

Quality Control of TabibDaru Company  
Registration Paper of Quality Control Test of Products

Tabib daru  
طیب دارو

Sample Name: Galbanum Oil	Batch Number: TBQ99-083	Reception Date: 5 Aug 2020	
Expire Date: 2 years after production	Scientific Name: <i>Ferula galbaniflua</i>	Lab Temperature: 25 °C	
Characteristic	Test results	Acceptance limit	Test Method
Appearance	Conform	Liquid	According to ISO 14716
Color	Conform	Colorless to light yellow	
Odor	Conform	Turpentine like, balsamic, with characteristic green note	
Relative density (20 °C)	Conform	0.867-0.890	
Refractive Index (20°C)	Conform	1.478-1.485	
Optical Rotation °	Conform	+7 to +17	
Chemical Composition of essential oil			According to ISO 14716
α-Thujene	1.03		
α-Pinene	9.08		
Sabinene	0.4		
β-Pinene	63.57		
β-Myrcene	2.69		
Delta-3-Carene	5.42		
Cymene	0.98		
Limonene	1.77	α-pinene: 5-21%	
trans-Pinocarveol	1.31	β-pinene: 40-70%	
Pinocarvone	0.86	Δ <sup>3</sup> -carene: 2-16%	
Myrtenal	0.41	Sabinene: 0.3-3%	
Myrtenol	1.25	β-myrcene: 2.5-3.5	
Fenchyl acetate	2.19		
Carvacrol methyl ether	0.9		
Bicyclo[3.1.1]hept-2-ene-2-methanol, 6,6-dimethyl-	1.2		
Terpinyl acetate	1.13		
α-Amorphene	0.64		
10s,11s-Himachala-3(12),4-diene	0.94		
γ-Cadinene	1.12		
Guaiol	0.78		
Bicyclo[4.4.0]dec-1-ene, 2-isopropyl-5-methyl-9-methylene-	0.7		
Aromadendrene	1.43		
<b>Results:</b> Galbanum essential Oil is extracted by hydro-distillation and is really pure, natural and without any artificial or hazardous components or any kind of adulteration.			
Tester Sign & Name Mrs. S. Sotoudeh Nia 	Technical Assistant sign & Name: Mrs. Sotoudeh Nia  <b>APPROVED</b>	Lab Manager sign & Name: Dr. M. Mahboubi  <b>Tabib daru</b> طیب دارو QC & Lab dept Reg No : 5352 National No : 14000283972	

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