



NHR ORGANIC OILS
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Certificate of Analysis & Gas Chromatography
Organic German Chamomile Essential Oil
(Matricaria recutita)

Batch number: 160326-3

Origin: Bulgaria

	Name of characteristics	Testing method, standards	Name of sample	Testing results, uncertainty	Unit value	Index value and tolerance according to: Technical documentation	Conditions of testing	departure from the Testing method
1	2	3	4	5	6	7	8	9
I	Relative density	E,(C ISO 279:2001	German chamomile essential oil, organic	0,899 ± 0,006	-	-	(22,5 ± 0,1)°C (45,0 ± 1,3)% Rh	no

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Testing results:

No	Name of characteristics	Testing method, standards	No of sample	Testing results, uncertainty	Unit value	Index value and tolerance according to:	Conditions of testing	departure from the Testing
1	a-Pinene	J,C ISO 7609	German chamomile essential oil, organic	1.83	%	-	GC-FID + GC-FID-MS Agilent column- HP-Innowax- 60/0.250/0.25 Cyclodex-B 60/0.250/0.25	no
2	Camphene			0.17	%	-		
3	b-Pinene+Sabinene			24.83	%	-		
4	Limonene			0.74	%	-		
5	b-Phellandrene			0.24	%	-		
6	1,8-cineole			2.47	%	-		
7	cis-P-Ocimene			0.18	%	-		
8	trans - p-Ocimene			0.83	%	-		
9	P-Caryophyllene			8.33	%	-		
10	P-Faroesene			11.60	%	-		
11	a-Faroesene			0.53	%	-		
12	Germacrene D			10.25	%	-		
13	Spathulenol			0.43	%	-		
14	a-Bisabolol oxide B			1.58	%	-		
15	a-bisabolol			1.22	%	-		
16	Bisabolol oxide A			0.85	%	-		
17	Chamazulene			7.03	%	-		