



Suleyman Demirel University

Natural Product Application and Research
Center



Report Number 2205010
Report Date 23.05.2022

PRIVATE REQUEST ANALYSIS REPORT

Purpose of Analysis Rose Water Content Analysis with GC-MS
Request Submitted By EGGDEN Gıda Teknoloji Ar. Ve Ge. San. Tic. Ltd. Şti.
Date the sample was taken 20.05.2022
Date of the experiment 20.05.2022
Name and identity of test item Rose Water
Production date 2021

TEST RESULTS

No	Detected Active Substance	% Quantity	Measurement Limit	Unit	Analysis Method
1	Benzyl alcohol	0.93	0.01%	% (Peak rate)	GC-MS
2	m-Cymene	0.25	0.01%	% (Peak rate)	GC-MS
3	p-Cymene	0.35	0.01%	% (Peak rate)	GC-MS
4	L-Linalool	3.48	0.01%	% (Peak rate)	GC-MS
5	Phenyl ethyl alcohol	71.94	0.01%	% (Peak rate)	GC-MS
6	α -Fenchyl alcohol	2.03	0.01%	% (Peak rate)	GC-MS
7	1-Dodecene	4.64	0.01%	% (Peak rate)	GC-MS
8	n-Dodecane	0.60	0.01%	% (Peak rate)	GC-MS
9	Nerol	0.50	0.01%	% (Peak rate)	GC-MS
10	α -Citronellol	4.16	0.01%	% (Peak rate)	GC-MS
11	Geraniol	1.84	0.01%	% (Peak rate)	GC-MS
12	E-Citral	0.12	0.01%	% (Peak rate)	GC-MS
13	Tetradecane	0.23	0.01%	% (Peak rate)	GC-MS
14	Eugenol	0.79	0.01%	% (Peak rate)	GC-MS
15	1-Tetradecene	3.77	0.01%	% (Peak rate)	GC-MS
16	Methyleugenol	1.12	0.01%	% (Peak rate)	GC-MS
17	1-Hexadecene	1.22	0.01%	% (Peak rate)	GC-MS
18	1-Heptadecanol	1.02	0.01%	% (Peak rate)	GC-MS
19	n-Nonadecane	0.23	0.01%	% (Peak rate)	GC-MS
20	Diğer Bileşikler	0.77	0.01%	% (Peak rate)	GC-MS
Total		100.00			

Essential Oil Rate = 0.627 g/L (in 1 liter of rose water)

NOTE 1 : This analysis report cannot be used in judicial-administrative procedures and for advertising purposes.

NOTE 2 : No part of this analysis report can be used alone or separately.

NOTE 3 : The results of the analysis are valid for the sample mentioned above.

NOTE 4 : Our reports cannot be reproduced and published without our permission. Unsigned reports are invalid.

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