

BGB application report

Chiral purity of Lavender oil

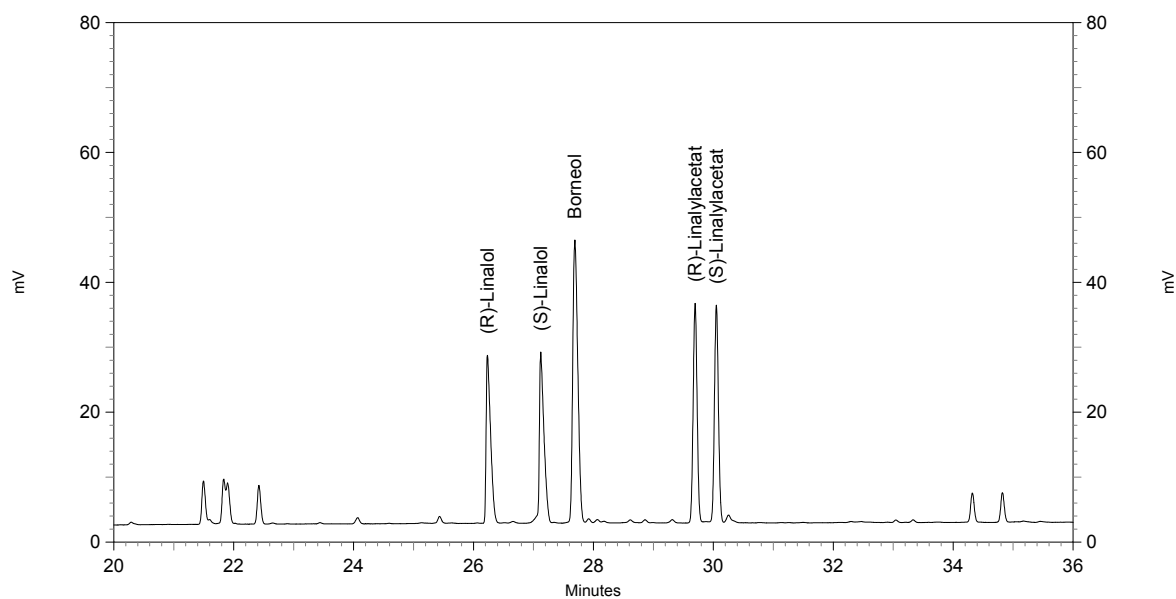
according to European Pharmacopeia 6.0

Column: BGB-178PH
25mm x 0.25mm I.D. 0.25 μ m df
Stationary phase: According to PH. Eur. 6.0
P/N: 27825-025PH

Compounds: (R,S) - Linalool, (R,S) - Linalylacetate

Conditions: According to PH. Eur. 6.0
Carrier gas: Helium 1,3ml/min (constant pressure: 85 kPa)
Detector: FID, Temp: 230° C
Oven program: 50°rate: 2°/min
Test mixture: PH Eur 6.0; Injection: 1ul; split 1:30

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FID Results

Retention Time	Name	Area	Height	Resolution
26.2	(R)-Linalol	134270	25865	0.00
27.1	(S)-Linalol	142716	26365	6.56
27.7	Borneol	256737	43607	3.87
29.7	(R)-Linalylacetat	154921	33833	14.43
30.1	(S)-Linalylacetat	155798	33559	2.91