

Description: Star Anise Oil Ph.Eur. (ILLICIUM VERUM)
ACCORDING TO PFI 12511662

Yr. Order No.: 1461653

Batch/Lot-No.: 15.07.2025

Production date: 15.07.2025

Date of analysis:

Best before: 14.07.2028

Characters: Clear, colourless or pale yellow liquid.

Analytical Data	Method	Target Value	Measured Value
Identification:			
GC	2.2.28_FL WAX 35	must comply	complies
Purity:			
Relative density (d ₂₀ /20)	2.2.5	0.979 - 0.985	0.9826
Refractive index (n _D 20)	2.2.6	1.553 - 1.556	1.5543
Congealing temperature	2.2.18	15 - 19 °C	16.1 °C
Fatty oils and resinified essential oils	2.8.7	must comply	complies
Fenchone	2.2.28	≤ 0.01 %	n.d.
Pseudoisoeugenyl 2-methylbutyrate	2.2.28	≤ 0.01 %	n.d.
Chromatographic profile:			
Linalool	2.2.28_FL WAX 35	0.2 - 2.5 %	1.1 %
Estragole	2.2.28_FL WAX 35	0.5 - 6.0 %	3.7 %
alpha-Terpineol	2.2.28_FL WAX 35	≤ 0.3 %	0.1 %
cis-Anethole	2.2.28_FL WAX 35	0.1 - 0.5 %	0.3 %
trans-Anethole	2.2.28_FL WAX 35	86 - 93 %	89.6 %
Anisaldehyde	2.2.28_FL WAX 35	0.1 - 0.5 %	0.4 %
Foeniculin	2.2.28_FL WAX 35	0.1 - 3.0 %	1.0 %

This product complies in all points with the above-mentioned monograph.