
Article **g430**
Synonym
Batch **120435**
Specification **PH.EUR. 7.0**
Expiry date **02.2015**

Oleum Carvi
KÜMMELÖL

Test	Specification	Result
Characters	In accordance	Complies
-Appearance	In accordance	Complies
Identification	In accordance	Complies
-Thin-layer chromatography	In accordance	Complies
-Gas chromatography	In accordance	Not carried out
Tests	In accordance	Complies
-Relative density	0,904 - 0,920	0,9087
-Refractive index	1,484 - 1,490	1,4865
-Optical rotation	+65 - +81°	+76,8°
-Acid value	Max 1,0	0,25
Chromatographic profile	In accordance	Complies
-beta-Myrcene	0,1 - 1,0 %	0,5 %
-Limonene	30,0 - 45,0 %	44,9 %
-trans-Dihydrocarvone	Max 2,5 %	0,1 %
-Carvone	50,0 - 65,0 %	53,4 %
-trans-Carveol	Max 2,5 %	0,1 %
Chiral purity	In accordance	Complies
-(-)-Carvone	Max 1 %	1 %
Complies specification	*****	Yes

Certificate of analysis

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Test		Specification	Result
Release date	01.03.2012	Head of Quality Control	Fr. Dr.Haßel

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