



Specification

Concerning Product:	
Article number	34242
Trade name / designation / denomination	Campher, synth.
CAS number	76-22-2
Other names / synonyms	•Camphor; •bornan-2-one;
EC number	200-945-0
Customs tariff number / CN code / TARIC	29142900

Parameter	Specification	Unit
Organoleptic test		
Colour	white	
Odour	characteristic	
Physical parameter		
Acidity/Alkalinity	complies	
Form	crystalline powder or crystalline mass	
Specific Optical Rotation	(@ 20°C) -0,15 – +0,15	°
Melting range	172 – 180	°C
Melting range	Oxim: 118 – 121	°C
Solubility	in Ethanol: complies	
Solubility	in water: 2,5 g in 25 ml clear and colourless	
Identity		
Assay	≥ 96,0	%
Identification	chromatographic: complies	
Impurities		
Residue on evaporation	≤ 0,05	%
Impurity	each: ≤ 2,0	%
Impurity	Halogene: complies Ph.Eur.	
Impurity	sum (total): ≤ 4,0	%

Supplemental information:

Released by manufacturer: 2017-03-22

Shelf life: 3 years

Derivation: synthetic from alpha-pine (obtained from turpentine oil) and purified by sublimation or crystallization

Storage conditions: at room temperature (< 25 ° C) in closed original packaging, protected from light

Complies with monographie: Ph.Eur.

Regional origin: D

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 16. Jan. 2020

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