

ACEF S.P.A.

Certificate of Analysis

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Product number: S0400870
 Product name: Campher rac. EuAB

Order number: 21413282 Pos.: 1

Lot number: 816711

Manufacturing date: 06.05.2014 Expiring date: 05.05.2017
 Date of Analysis: 07.05.2014 Place of Analysis: Frey + Lau GmbH

Characters: White or almost white, crystalline powder or friable,
 crystalline masses, highly volatile even at room temperature.

	Specified-Value	Result
Identification:		
A: Optical rotation (2.2.7):	must comply	complies
C: Infrared absorption spectrophotometry (2.2.24):	must comply	complies
Purity:		
Appearance of solution (2.2.1; 2.2.2, Method II):	clear and colourless (2.5 g in 25.0 ml Ethanol 96% V/V)	complies
Acidity or alkalinity (Method E.P.):	must comply	complies
Optical rotation (2.2.7):	+0.15 - -0.15°	+/-0°
Related substances (2.2.28, FL WAX 35):		
Every single impurity:	≤ 2 % of the main peak	complies
Sum of impurities:	≤ 4 % of the main peak	3.2 %
Halogens:	≤ 100 ppm	complies
Residue on evaporation (2.8.9):	≤ 0.05 %	0.02 %
Water (Method E.P.):	must comply	complies
Content in area % (2.2.28):	not specified	96.8 %

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

Henstedt-Ulzburg, 08.05.2014

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 Claudia Valder
 Quality Control