

ACEF S.P.A.

Certificate of Analysis

Product number: S0400621
 Product name: Menthol " polar bear " Ph.Eur.

Order number: 21316431 Pos.: 1

Lot number: 763431

Manufacturing date: 11.06.2013 Expiring date: 10.06.2016
 Date of analysis: 12.06.2013 Place of analysis: Frey+Lau GmbH

Characters: Prismatic or acicular, colourless, shiny crystals.

	Specified Value	Result
Identification:		
Specific optical rotation: (Method E.P.):	must comply	complies
Related substances: (Method E.P.):	must comply	complies
Purity:		
- Appearance of solution (2.50 g/25.0 ml Ethanol 96% V/V) (Method E.P.):	must comply	complies
- Acidity or Alkalinity (Method E.P.):	must comply	complies
- Specific optical rotation (2.2.7):	-48 - -51	-50
- Related substances (2.2.28, FL WAX35):		
Sum of impurities:	≤ 1 % of the main peak	0.0 %
- Residue on evaporation (2.8.9):	≤ 0.05%	0.02 %
- Content in area % (2.2.28):	not specified	100.0 %

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

Henstedt-Ulzburg, 13.06.2013

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 Claudia Valder
 Quality Control