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989
Nature is not replaceable ...

CERTIFICATE OF ANALYSIS

Product L-Menthol natural large crystals China Ph.Eur. / USP
Batch 101.853 / 130712
Production Date 07/2013
Retest Date 07/2016
(in case of cool and dry storage)

Parameter	Method	Unit	Specification	Result
Appearance	Ph.Eur.		prismatic or acicular, colourless, shiny crystals	conforms
Solubility	Ph.Eur.		practically insoluble in water, very soluble in alcohol, in ether or in light petroleum, freely soluble in fatty oils and in liquid paraffin, very slightly soluble in glycerol	conforms
Identification	Ph.Eur.		passes test A and C (GC)	conforms
Melting range	USP/NF	°C	41 - 44	43
Appearance of solution	Ph.Eur.		clear and colourless	conforms
Acidity or alkalinity	Ph.Eur.		passes test	conforms
Specific rotation	Ph.Eur.	°	-48 to -51	-50
Related substances (GC)	Ph.Eur.		passes test	conforms
Residue on evaporation	Ph.Eur.	%	max. 0.05	<0.01
Chromatographic purity (GC)	USP/NF		passes test	conforms

The analysed sample material meets the respective requirements of: Ph.Eur. 7.8 (monograph 0619); USP 36/NF 31.

Signature: 

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Print date: 03.09.2013

The analysis figures mentioned in this certificate do only serve as product description and they have been ascertained immediately after production resp. import of the goods. A legally binding guarantee of certain characteristics or of the suitability for a concrete application cannot be deduced from this certificate. Improper transport and/or improper storage can cause changes. The certificate does not release the consumer from his own examinations of the characteristics of the product and the suitability for the intended use.

