



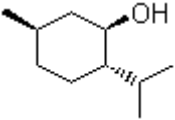
HANGZHOU DINGYAN CHEM CO.,LTD

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CERTIFICATE OF ANALYSIS

NO: **DYC041511041**

Product name	L-menthol
CAS Number	2216-51-5
Molecule Structure	
Molecule Formula	C ₁₀ H ₂₀ O
Batch number	20150816
Manuf&Exp. Date	2015-08-16, 2016-08-15
Testing date	2015-08-16

Items	Standard	Result
Appearance	Colorless transparent needle like crystal	complies
Aroma	Have a pleasant smell of mint	complies
Solubility (25°C)	1g samples were dissolved in 5ml90% (volume fraction) of ethanol.	complies
Melting point	41.5°C ~ 44°C	42.1°C
Specific rotation (25°C)	-50° ~ -49°	-49.86°
Evaporation residue content	0.05% max	0.01%
Conclusion: ALL THE ITEMS INSPECTED CONFORMS TO GB3862-2006		

Hangzhou Dingyan Chem Co., Ltd.
QUALITY CONTROL: *Cristina*
Quality Control
Signature(s)

CHECK: 姚仙娟

INSPECTOR: 刘清风