



West Yorkshire Analytical Services

West Yorkshire Analytical Services
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Public Analyst and Agricultural Analyst

Report No: BD09320.DOC cmh

19 September 2014

Cuts Ice Limited (Halcyon Haze)
Mitre House
101 – 103 Scrubs Lane
London NW10 6QU
Attn: Nigel Quine

Sample Description: Nicotine solution
Sample Identifier: Northern Lights 12mg
Laboratory Reference: BD09320
Submitted by: J Dziurla
Date Received: 29 August 2014
Date analysis completed: 17 September 2014

TEST REPORT

The above sample has been analysed for nicotine by isotope-dilution gas chromatography-mass spectrometry and for other compounds and contaminants by gas chromatography-mass spectrometry with results as under.

Sample description	Parameter	Method	Result
Yellow liquid	Nicotine	0244	1.1 g/100g 1.2 g/100ml (12 mg/ml)

Detection limit for nicotine is 0.01 g/100ml, 0.01 g/100g, 0.1 mg/ml

Other compounds detected*

Glycerol	Diacetin
Propylene glycol	Menthol
Anethole	Triacetin

Note – The compounds listed above under “other compounds” have been tentatively identified from their mass spectra and have not been confirmed by comparison with standard materials nor have they been quantified.

Ethylene glycol (CAS No 107-21-1), diethylene glycol (Digol, CAS No 111-46-6) and diacetyl (CAS No 431-03-8) were not detected in the sample (detection limit 0.1% approximately).*

If I can be of any further assistance regarding these results, please do not hesitate to contact me.

C M Hunt B.Sc., M.Chem.A., C.Chem., F.R.S.C.,
Senior Principal Analyst

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Note

1. Tests marked * in this report are not included in the UKAS Accreditation Schedule for our Laboratory
2. Opinions and interpretations expressed herein are outside the scope of UKAS accreditation
3. Method numbers beginning EXT have been sub-contracted.

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