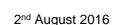


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Report No: BF10437 Cuts Ice Ltd. 10 Osram House, Osram Way

East Lane Business Park, East Lane,

Wembley HA9 7NG

Sample Description: Rude Oil Dirty Diesel 6mg/ml nicotine

Sample Reference:

Purchase Order No. 190707-03 BF10437 Laboratory Reference: Submitted by: Jim Dziurla Date Received: 8th July 2016 Date analysis completed: 16th July 2016

## **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	Result
	Nicotine	6 mg/ml

Detection limit for nicotine is 0.1 mg/ml

## Other compounds detected\*

Ethyl acetate (CAS No 141-78-6) Propylene glycol Ethyl propionate (CAS No 105-37-3) Glycerol 3-Hexen-1-ol (CAS No 928-96-1) Isoamyl acetate(CAS No 123-92-2)

Benzyl acetate (CAS No 140-11-4) Anethole (CAS No 104-46-1) Triacetin (CAS No 102-76-1) Vanillin (CAS No 121-33-5) Ethyl vanillin(CAS No 121-33-5) Beta-ionone(CAS No 79-77-6)

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.

Ethylene glycol (CAS No 107-21-1) and diethylene glycol (Digol, CAS No 111-46-6) were not detected in the sample (detection limit 0.01% approximately).

Diacetyl (CAS No 431-03-8), Acetoin (CAS 513-86-0) and Acetyl propionyl (CAS 600-14-6) were not detected (detection limits 0.001% approximately).

E Fox C.Chem. M.R.S.C. (Senior Analyst)

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