



# West Yorkshire Analytical Services

West Yorkshire Analytical Services  
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F.R.S.C., Registered Analytical Chemist,  
Public Analyst and Agricultural Analyst*

Report No: BD28203 RS

1 April 2015

Mr Elias Ninos  
ReplaceSmoke  
88 Marinou Antipa Street  
141 21 Neo Iraklio  
Athens  
Greece

Sample Description: 7 Seas -18 mg  
Laboratory Reference: BD28203  
Sample No. T3 13-38  
Date Received: 9 March 2015  
Date analysis completed: 19 March 2015

## 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
Pale yellow liquid	Nicotine	0244	1.6 g/100g 1.8 g/100ml (18 mg/ml)

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

Other compounds detected\*

Propylene glycol	Hexanol	Dihydro furanones
Glycerol	Hexyl acetate	
	Hexyl butanoate	
	Hexyl hexanoate	

**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) and diethylene glycol (Digol, CAS No 111-46-6) were not detected in the sample (detection limit 0.1% approximately). Diacetyl (CAS No 431-03-8), Acetoin (CAS 513-86-0) and Acetyl propionyl (CAS 600-14-6) were not detected (detection limits 0.01% approximately)\*

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

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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.

West Yorkshire Joint Services are provided by a Joint Committee of the Metropolitan Districts of Bradford, Calderdale, Kirklees, Leeds and Wakefield.



File : C:\msdchem\1\data\FoodBD\Nicotine\20150318\Scan012.D  
 Operator : RS/CMO  
 Acquired : 19 Mar 2015 9:41 using AcqMethod NICOTINE02.M  
 Instrument : MS  
 Sample Name: BD28203  
 Misc Info : BD28203  
 Vial Number: 18

ERR

