

Nepshaw Lane South, Morley, Leeds, LS27 7JQ Analytical Services Manager: Martin Bowden t: 0113 393 9712 e: mbowden@wyjs.org.uk www.wyjs.org.uk/analyticalservices



18 November 2016

Doncaster MBC Civic Office Waterdale Doncaster

DN1 3BU

Report No: BF22200 / DJC

Submitted By: Michael Griffiths
Date Submitted: 09 November 2016
Date Analysis Completed: 16 November 2016

## **TEST REPORT**

The following Complaint sample has been analysed with results as under. It was found to be satisfactory with respect to the analysis performed.

Sample Number	Lab reference	Sample Description	Parameter	Method	Result	Outcome Action
3777/16	BF22200	Vodka	Alcohol Butan-1-ol Methanol Acetaldehyde Acetaldehyde Propan1ol Ethyl acetate 2methyl propanol 3methyl butanol 2methyl butanol Conductivity Appearance	0033 0030 * 0030 * 0030 * 0030 * 0030 0030	37.4 %vol <1 mg/100ml ethanol 2 mg/100ml ethanol 2 mg/100ml ethanol 1 mg/100ml ethanol <1 mg/100ml ethanol <1 mg/100ml ethanol <1 mg/100ml ethanol 3 mg/100ml ethanol 1 mg/100ml ethanol 221 μS/cm See Below	C

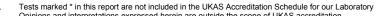
## Observations

The sample was received in an unopened trade labelled 70 cl capacity clear glass bottle with front and back labels. The labels bore the required labelling information (including a lot number that appeared to be printed in the same way as the rest of the back label) and the UK duty paid stamp fluoresced under UV light. The back label included the words "Our tree-step filtration process". The word tree may be a miss-spelling of three, or it may, possibly be a play on words as the front label includes the silhouette of coniferous trees against a mountainous backdrop. The front label does not have a rectangular outline, but it may be affixed at an angle (see overleaf).

The producer mentioned on the label appears to exist, but there is no mention of this brand on their website. An internet search for the brand name only yielded a hit for an auction site which auctioned four six bottle cases on the 11<sup>th</sup> November (see https://www.facebook.com/pages/WLC-Auctions/121656684709116).



Note



2. Opinions and interpretations expressed herein are outside the scope of UKAS accreditation

Method numbers beginning EXT have been sub-contracted.



The analytical results above are consistent with the sample being a legitimate product, albeit one where the water used to dilute the alcohol to bottling strength has not been distilled or demineralised.

If allowed to stand the inside of the bottom of the bottle acquired a slight deposit. This deposit was composed of virtually transparent white needle-like objects up to a few millilitres in length with a short dimension of approximately 50 microns (0.05 mm). They appeared to be cylindrical in nature. The objects were stable in warm dilute acid suggesting that they are not hardness salts that have crystallised out of the vodka after diluting to bottling strength. It is possible that they may be very insoluble hardness salts or filtration media. In my opinion their presence renders the food not of the substance demanded.

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



Dr D J Campbell **Public Analyst** 

B.Sc., D.Phil., M.Chem.A., C.Chem., F.R.S.C.

Direct Line: 0113 393 9710

Email: duncan.campbell@wyjs.org.uk





Not to the same scale.