



Report No: BF22200 / DJC

18 November 2016

Doncaster MBC
 Civic Office
 Waterdale
 Doncaster
 DN1 3BU

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	0033	37.4 %vol	C
			Butan-1-ol	0030 *	<1 mg/100ml ethanol	
			Methanol	0030	2 mg/100ml ethanol	
			Acetaldehyde	0030 *	2 mg/100ml ethanol	
			Acetaldehyde	0030 *	1 mg/100ml ethanol	
			Propan-1-ol	0030	<1 mg/100ml ethanol	
			Ethyl acetate	0030	<1 mg/100ml ethanol	
			2methyl propanol	0030	<1 mg/100ml ethanol	
			3methyl butanol	0030	3 mg/100ml ethanol	
			2methyl butanol	0030	1 mg/100ml ethanol	
			Conductivity	0116 *	221 μ S/cm	
			Appearance	*	See Below	

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 11th November (see <https://www.facebook.com/pages/WLC-Auctions/121656684709116>).



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.

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.



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Not to the same scale.