

TSDA1 / DEB 100%

This Product has been made from Ethanol 100 tested to the following parameters prior to denaturing:

Alcohol strength	NLT 99.90% V/V @ 20 °C	
Specific gravity	0.790-0.791	
Appearance	Colourless, clear	
Water content	NMT 1000 ppm	
Acidity	NMT 1 g/hL AP as acetic acid	
Total Aldehydes	NMT 0.5 g/hL AP as acetaldehyde	
Esters	NMT 1.3 g/hL AP as ethyl acetate	
Methanol	NMT 2.5 g/hL AP	
High Alcohols	NMT 0.5 g/hL AP as methyl2propan1ol	
Odour	NLT 13.8	
Dry Extract	NMT 1.5 g/hL AP	
Ammonia and nitro basis	NMT 0.1 g/hL AP as nitrogen	
Hazen coloration	NMT 5 Hazen	
Permanganate test	NLT 20 min	
Absorbance (1 cm Cell)	220 nm	NMT 0.30
	230 nm	NMT 0.18
	240 nm	NMT 0.08
	270 nm	NMT 0.02
Spectrum shows steadily descending curve with no peaks or shoulders		

The above Ethanol has been denatured with 0.1% v/v *tert*-butanol as marker and a bitter tasting substance (10 ppm Denatonium Benzoate (Bitrex)) as per TSDA1 regulations.

TSDA1 is for use in cosmetic and toiletry preparations

Reference No: 15/6
Issue Date: 01/09/17

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FM 26731