

## Product Specification

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**Issue Date :**

**18th Mar 2020**

**Product name :**

**Dehydrated Ethyl Alcohol, denatured with TBA and denatonium benzoate**

ITEMS	METHOD	UNIT	RESULTS
<i>Denatonium Benzoate</i>	UOP	g/hlpa	> 0,8
<i>Tert-butyl alcohol</i>	GC	g/hlpa	> 80
Results below for ethanol before denaturation:			
<i>Ethanol content + higher saturated alcohols</i>	EN 15721	% wt	99,676
<i>Higher saturated C3-C5 monoalcohols content</i>	EN 15721	% wt	0,07
<i>Methanol content</i>	EN 15721	% wt	0,003
<i>Water content</i>	EN 15489	% wt	0,042
<i>Inorganic chloride content</i>	EN 15492	mg/kg	< 0,8
<i>Sulfate content</i>	EN 15492	mg/kg	< 0,4
<i>Electrical conductivity</i>	EN 15938	μS/cm	0,81
<i>Cooper content</i>	EN 15488	mg/kg	< 0,07
<i>Total acidity expressed as acetic acid</i>	EN 15491	% wt	0,0026
<i>Appearance</i>	EN 15769		Clear and bright
<i>Phosphorus content</i>	EN 15487	mg/L	< 0,1
<i>Involatile material content</i>	EN 15691	mg/100ml	< 10
<i>Sulfur content</i>	EN 15485	mg/kg	< 5
--- If ethanol has to be denatured, all above items are applicable for the undenatured ethanol to be used			
--- non-genuine impurities are not allowed in the undenatured ethanol. Detection limit being 0.5 ppm by GC-MS method.			