

Specification for Very High Quality (VHQ) Alcohol			
Measure Description	Method Description	Units	VHQ Specification
Density @ 20°C	Methods specified in the Revenue	kg/L	
Ethanol Content	ASTM D5501	% vol/vol	95% for 190 pf 96% for 192 pf 99.95% for 200 pf
Odour and Taste			Very Neutral
Methanol Content	ASTM D5501	ppm v/v	<1
Acetaldehyde and Acetal	Current USP	ppm (v/v)	<1
Visual Appearance and Color	ASTM D4176 Procedure 1		Clear and Bright
Benzene / hydrocarbons		ppm v/v	<1
Ethyl Acetate		ppm v/v	<1
N-Propanol		ppm v/v	<1
Iso-Butanol		ppm v/v	<1
Iso-Amyl Alcohol		ppm v/v	<1
Identification Test B			Conforms to infrared Spectra (Neat)
Acidity / Alkalinity			The solution is pink (30 ppm, expressed as acetic acid)
Inorganic / Non-volatile Residues			Std. USP test
Ultraviolet absorption			AS per USP standard
Absorbance curve			As per USP
Food Grade			Yes
Total impurities			As per GGI standard (every tested congeners/contaminant less than 1 ppm)

**NOTE: Guarantee < 1 ppm of each congener and < 10 ppm of total impurities in GC.**