



Ethanol ENA >96.2%

Raw Material: Sugarcane Molasses

Test Description	Method	UoM	Specification Limit
Alcohol Strength by Vol.% at 20°C	OIML	Vol.%	>96.2
Acidity as (Acetic Acid)	ASTM D1613	g/hL	1.5 Max
Esteras (Ethyl Acetate)	OGCTGETOH-02	g/hL	1.3 Max
Aldehydes as (Acetaldehyde)	OGCTGETOH-02	g/hL	1.0 Max
Methanol	OGCTGETOH-02	g/hL	1.0 Max
Higher Alcohols	OGCTGETOH-02	g/hL	1.0 Max
Furfural	OGCTGETOH-02	g/hL	Not Detected
Iso-propanol (IPA)	OGCTGETOH-02	g/hL	2.0 Max
Permanganate time test at 20°C	ASTM D1363	Minutes	25 Min
Absorbance UV @ 270nm	UV-Spectrophotometer	nm	0.020 Max
Absorbance UV @ 240nm	UV-Spectrophotometer	nm	0.060 Max
Absorbance UV @ 230nm	UV-Spectrophotometer	nm	0.120 Max
Absorbance UV @ 220nm	UV-Spectrophotometer	nm	0.250 Max
UV Curve	UV-Spectrophotometer	—	Smooth
Odor	Organoleptic	—	Not Foreign
Aspect/Appearance	Visual	—	Clear Liquid, free from suspended matter