



PRODUCT SPECIFICATION SHEET

PRODUCT NAME: BEVERAGE GRAIN ETHANOL- COMMERCIAL.

REFERENCE NUMBER: 001BGEC

DESCRIPTION:

This grade of undenatured ethanol is used in applications where water content is not critical and ethanol with high purity and low odour characteristic is required.

PARAMETER	UNIT	SPECIFICATION LIMIT
APPEARANCE		Colourless and clear with no foreign chemical odours perceptible
ACIDITY	pH	4.0-5.5
ALCOHOL STRENGTH	% v/v	96.0-96.4
ALDEHYDES as Acetaldehyde	ppm @100%	Nil
DIACETYL	ppm @100%	Less than 0.01
DENSITY	g/cm ³ @ 20°C	0.8075-0.8057
METHANOL	ppm @100%	Less than 5
NON VOLATILE MATTER	% by wt@100%	ND
PERMANGANATE TIME TEST	Minutes	60
SPECIFIC GRAVITY		0.8075-0.8057
VOLATILE IMPURITIES		
Higher Alcohols (total)	ppm @100%	Nil
Other volatiles (total)	ppm @100%	Nil
Acetal	ppm @100%	Nil
Acetone	ppm @100%	Nil
2-Butanol	ppm @100%	Nil
Butyl Acetate	ppm @100%	Nil
Esters as Ethyl Acetate	ppm @100%	Nil
Furfural	ppm @100%	Nil
Isoamyl Acetate	ppm @100%	Nil
Isoamyl Alcohol	ppm @100%	Nil
Isobutanol	ppm @100%	Nil
i-Pentanol	ppm @100%	Nil
i-Propanol	ppm @100%	Nil
n-Propanol	ppm @100%	Nil
2.3 Pentanedione	ppm @100%	Nil
Propyl Acetate	ppm @100%	Nil

ND Not detected