



# Shahmurad Sugar Mills Ltd.

## ETHANOL 99% DENATURED

BATCH NUMBER: 214-2024-2025  
MANUFACTURING DATE: JUN 2025  
EXPIRY DATE: MAY 2027

Test Description	Method	UoM	Specifications Limits
Alcohol Strength by Vol.% at 20°C	OIML	Vol.%	>99.8
Acidity as (Acetic Acid)	ASTM D1613	g/hL	1.0 Max
Aldehydes as Acetaldehydes	ASTM D5501	g/hL	<0.8
Appearance	Visual	-	*Clear & Bright
Relative Density @ 20°C	ASTM D 4052	-	0.79
Residue on Evaporation	ASTM E 1353	Mg/100ml	-
Solubility in Water	Visual	-	Miscible
Solubility in usual Organic Solvents	Visual	-	Miscible
Water by Karl Fischer	Wt%	PPM	<2500
Water Content	ASTM D104	%Wt.	-
Aspect	Visual	-	**Free from suspended matter.

\*Clear & Bright

\*\*Free from suspended matter.

