

CERTIFICATE OF ANALYSIS[®]

SKU	CHE-E33
CHEMICAL NAME	ETHANOL 99%
CHEMICAL GRADE	ANALYTICAL REAGENT
CAS NUMBER	64-17-5
APPEARANCE	CLEAR COLOURLESS LIQUID
LOT NUMBER	RLS-5167
EXPIRY DATE	2/8/2029

Warranty Certificate

<i>Test</i>	<i>Specifications</i>	<i>Results</i>
ASSAY	99.5% Min	99.9%
DENSITY @20°C	0.7900g/ml Max	0.7883g/ml
METHANOL	<20ppm	3ppm
WATER (H2O)	<0.15%	0.05%
ACIDITY as CH3COOH	30ppm Max	5ppm
ACETALDEHYDE	10ppm Max	3.4ppm
ESTERS	50ppm Max	20ppm
HIGHER ALCOHOLS	10ppm Max	4ppm
RESIDUE ON EVAPORATION	25ppm Max	13ppm
NON-VOLATILE IMPURITIES	25ppm Max	CONFORMS
ABSORBANCE 240nm	0.40 Max	CONFORMS
ABSORBANCE 250 -260nm	0.30 Max	CONFORMS
ABSORBANCE 270nm -340nm	0.10 Max	CONFORMS

RLS Chemical warrants conformance of its products against the relevant specification in good faith. In-house quality control procedures include representations provided by production/manufacturing source. A representative batch retention sample of the above-mentioned material has tested according to results above. Shelf life is based on current knowledge and holds only for correct storage in the original closed and sealed containers. Suitability of the product for a particular use or application is not guaranteed. It remains the responsibility of the user to determine such.

APPROVED DATE: 17/02/2026



Quality Control

Quality Management ISO 9001:2015
NIST traceable calibration certified.