Fisher Scientific UK Ltd.
Bishop Meadow Road
Loughborough,
LE11 5RG, United Kingdom

CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by INTERTEK SAI Global Certificate Number. QMS42099

Catalogue Number	E/0550
Lot Number	2527610
Description	Ethanol, 95% v/v AR For analysis
CAS Number	64-17-5
Quality Test/Release Date	17/Feb/2025
Expiry Phrase	Use within 5 yrs of opening
Country of Origin	Germany

Result Name	Units	Specifications	Test Value
Acetone	%	<= 0.002	None Detected
Acidity/alkalinity (meq/g)	meq/g	<= 0.0005	0.00003
Amyl alcohol and non volatile carbonisable substances		Must be 'Pass'	Pass
Assay	%	>= 95	95.46
Calcium (Ca)	ppm	<= 1	<0.02
Chemical form		Mobile liquid	Mobile liquid
Colour	APHA	<= 10	<5
Copper (Cu)	ppm	<= 0.05	<0.01
Furfuraldehyde	%	<= 0.001	None Detected
Iron (Fe)	ppm	<= 0.2	<0.02
Lead (Pb)	ppm	<= 0.05	<0.005
Magnesium (Mg)	ppm	<= 0.2	<0.01
Methanol	%	<= 0.02	None Detected
Other impurities	%	<= 0.2	None Detected
Potassium (K)	ppm	<= 0.1	<0.02
Propan-2-ol	%	<= 0.02	None Detected
Residue after evaporation (ppm)	ppm	<= 10	None Detected
Sodium (Na)	ppm	<= 2	<0.2
Specific gravity @ 15.5C		>= 0.812 and <= 0.816	0.8138
Substances darkened by H2SO4 (APHA)	APHA	<= 10	<10
Substances reducing KMnO4	%	<= 0.0005	<0.0005
Total phosphorus (P)	ppm	<= 0.2	<0.02
Total silicon (Si)	ppm	<= 0.5	<0.02
Total sulfur (S)	ppm	<= 2	<0.05
Visual colour		Clear colourless	Clear colourless
Water insoluble substances (Pass/Fail)		Must be 'Pass'	Pass
Wt/ml at 20C	g	>= 0.808 and <= 0.813	0.8094
Zinc (Zn)	ppm	<= 0.2	<0.02

A. Ganatra

Ashok Ganatra
Supervisor, QC

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of the catalogue number listed above.

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its intended use.

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