

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the purchaser, formulator or those performing further manufacturing to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalogue Number:	T08204	Quality Test / Release Date:	11-Dec-20
Lot Number:	2064380	Expiry Phrase:	Use within 5 years of packing date.
Product of:	South Africa		

Description:	80% Ethanol, Molecular Biology Grade		
Grade:	Fisher Bioreagent	Application:	

Appearance:	Clear colourless Mobile liquid
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Result Name	Test Value	Units	Specification
Colour	<5	APHA	<= 10
DNase	Pass		Must be 'Pass'
Ethanol Assay (v/v %)	80	% v/v	>= 78 and <= 82
Protease	Pass		Must be 'Pass'
RNase	Pass		Must be 'Pass'
Residue after evaporation (%)	None Detected	%	<= 0.001
Substances darkened by H2SO4 (Pass/Fail)	Pass		Must be 'Pass'
Substances reducing KMnO4 (Pass/Fail)	Pass		Must be 'Pass'
Water Assay (v/v %)	20	% v/v	>= 18 and <= 22

Additional Information:	
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 Mrs Paula Faulkes
 Quality Assurance Manager

Thursday, 7 March, 2024

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. If there are any questions with this certificate, please call Customer Services on +44(0)1509 555500