



Fisher Scientific UK Ltd.  
part of Thermo Fisher  
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## Certificate of Analysis

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

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: G/0500/53

Quality Test /  
Release Date: 07-FEB-14

Lot Number: 1480854

Expiry  
Phrase: Use within 5 years of opening

Description: D-Glucose, anhydrous

Grade: AR

Application: For analysis

Appearance: White Crystalline powder

Result Name	Test Value	Units	Specification
Calcium (Ca)	<0.5	ppm	<= 10
Copper (Cu)	<0.2	ppm	<= 1
Insoluble in alcohol	<0.005	%	<= 0.005
Iron (Fe)	<0.2	ppm	<= 2
Lead (Pb)	<0.05	ppm	<= 0.5
Loss on drying	0.03	%	<= 0.1
Magnesium (Mg)	<0.05	ppm	<= 5
Potassium (K)	<0.2	ppm	<= 20
Sodium (Na)	<0.5	ppm	<= 50
Specific rotation	53	Degrees	>= 52.5 and <= 53.5
Total chloride (Cl)	<0.005	%	<= 0.005
Total phosphorus (P)	<0.5	ppm	<= 10
Total silicon (Si)	<0.5	ppm	<= 5

Total sulfur (S)	<2	ppm	<= 20
Zinc (Zn)	<0.2	ppm	<= 5

Additional  
Information:

Meets the current analytical specification of BP and Ph. Eur.



*Paula Faulkes*

Mrs Paula Faulkes  
Quality Assurance Manager.

Thursday 15th of April 2021

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