



Fisher Scientific UK Ltd.
part of Thermo Fisher Scientific
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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:	10172730	Quality Test / Release Date:	02-MAR-21
Lot Number:	2172687	Expiry Phrase:	Use within 5 years of opening
Product of:	Belgium		

Description:	tri-Sodium citrate		
Grade:	SLR	Application:	

Appearance:	Clear colourless Fine crystals (<2 mm)
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Result Name	Test Value	Units	Specification
Assay	99.53	%	>= 99
Calcium (Ca)	<5	ppm	<= 100
Copper (Cu)	<0.5	ppm	<= 20
Iron (Fe)	<2	ppm	<= 20
Lead (Pb)	<0.5	ppm	<= 20
Magnesium (Mg)	<0.5	ppm	<= 20
Potassium (K)	<20	ppm	<= 200
Total chloride (Cl)	<0.005	%	<= 0.01
Total phosphorus (P)	<2	ppm	<= 50
Total silicon (Si)	<20	ppm	<= 100
Total sulfur (S)	<5	ppm	<= 100
Zinc (Zn)	<0.5	ppm	<= 10
pH (5% aq. solution)	8.291		>= 8 and <= 9

Additional Information:	
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Paula Faulkes

Mrs Paula Faulkes
Quality Assurance Manager.

Friday 25th of March 2022

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