

Certificate of Analysis



NCTC
National Collection
of Type Cultures

Operated by Public Health England

Product Description

Catalogue No: NCTC 12973
Bacteria Name: *Staphylococcus aureus*
Lot No: 05
Date prepared: 14th December 2016



8552

Product Format: Freeze dried suspension of Bacterial Culture supplied in a glass ampoule sealed under vacuum.
Volume/ Ampoule: 0.15g
Expiry Date: Not Applicable

Deposit Information: Please refer to the Culture Collections website www.phe-culturecollections.org.uk for individual detailed deposit information.

In line with European and US Pharmacopeia, all NCTC microbial strains produced and distributed in ampoules by Public Health England are categorised as Primary Reference Standards and therefore considered “passage zero”.

A passage count is defined as the “transfer of organisms from a viable culture to fresh medium with growth of the microorganisms” at the recipient laboratory.

Instructions for correct storage of this product

4°C to 10°C

Instructions for use

Please refer to the Culture Collections website for information <http://www.phe-culturecollections.org.uk/technical/HowtoHandleBacteria.aspx>

Quality Control Data

Authentication Results

Reference	Test	Acceptance Criteria	Result
SOP N-2116	Gram Stain	Gram positive cocci	Gram positive cocci
SOP N-2107	Catalase	Positive	Positive
SOP N-2132	Oxidase	Negative	Negative
SOP N-2126	Motility	Non-motile	Non-motile
SOP N-2156	Coagulase	Positive	Positive

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Testing Laboratory: NCTC, National Institute for Biological Standards and Control, Blanche Lane, South Mimms, Potters Bar, Hertfordshire, EN6 3QG

Certificate of Analysis for Bacteria Strain 12973 Lot no 05 Version 01

NW5144/02-16

Authorised by: Ana Deheer-Graham
Effective Date: 26.01.2016

† Test not UKAS accredited

Reference	Test	Acceptance Criteria	Result
SOP N-2846	VITEK2 Identification system	<i>Staphylococcus aureus</i>	<i>Staphylococcus aureus</i>
Subcontracted to PHE services (†)	16S rDNA partial gene sequencing	Not tested	Not tested
	Reference Laboratory	<i>Staphylococcus aureus</i>	<i>Staphylococcus aureus</i>
SOP N-2849 (†)	MALDI-TOF	<i>Staphylococcus aureus</i>	<i>Staphylococcus aureus</i>

VITEK2 test repeated with same result obtained

Viability Results

Reference	Viability Count	Acceptance Criteria	Result
SOP N-2013 (†)	Surface Viable Count	Viable	10 ⁴

Additional Information

This report has been compiled using information derived from phenotypic, protein expression and molecular technologies.

Some work has been subcontracted to PHE services and reference laboratories, recognised centres of expertise in specialised techniques for authentication.

Hazardous Information

Please refer to the Culture Collections website www.phe-culturecollections.org.uk for the Material Safety Data Sheet.

Report prepared by: H McGregor – QC Supervisor

Date: 19/01/2017

Signature: .....
S.V. Brooks

Date: 19/01/17.....

Quality Assurance and Regulatory Manager