Certificate of Analysis

Product Description

Catalogue No:	NCTC13368
Bacteria Name:	*Klebsiella pneumoniae*
Lot Number:	03a
Date Prepared:	23 August 2018
Product Format:	Freeze dried suspension of Bacterial Culture supplied in a glass ampoule sealed under vacuum.
Volume/Ampoule:	0.15g
Expiry Prepared:	Not Applicable
Deposit Information:	Please refer to the Culture Collections website www.phe-culturecollections.org.uk for individual detailed deposit information.

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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 www.phe-culturecollections.org.uk/technical/HowtoHandleBacteria.aspx

Quality Control Data

Authentication Results

Reference	Tests	Result	Acceptance Criteria
SOP N-2116	Gram Stain	Gram negative rods	Gram negative rods
SOP N-2107	Catalase	Positive	Positive
SOP N-2132	Oxidase	Negative	Negative
SOP N-2126	Motility	Non-Motile	Non-Motile
SOP N-2156	Coagulase	N/A	N/A

Culture Collections, Public Health England, Porton Down, Salisbury, SP4 0JG, UK

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Testing Laboratory: Public Health England, Colindale, 61 Colindale Ave, London, NW9 5EQ

† Test not UKAS accredited

Reference	Tests	Result	Acceptance Criteria
SOP N-2846	VITEK2 Identification system	*Klebsiella pneumoniae* subsp. *pneumoniae*	*Klebsiella pneumoniae* subsp. *pneumoniae*
Subcontracted to PHE service (†)	16S rDNA partial gene sequencing	Not tested	Not tested
	Reference Laboratory	*Klebsiella pneumoniae* ceftazidimase (ESBL) positive	*Klebsiella pneumoniae* ceftazidimase (ESBL) positive
SOP N-2849 (†)	MALDI-TOF	*Klebsiella pneumoniae*	*Klebsiella pneumoniae*

Viability Results

Reference	Viability Count	Result	Acceptance Criteria
SOP N-2013 (†)	Surface Viable Count	10^4	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 specialized 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: Hannah Mcgregor
Date: 08 October 2018

Signature:  Date: 02 November 2018

Sarah Brooks
Quality Assurance and Regulatory Manager

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