

Certificate of Analysis - Accredited Reference Material

Thermo Scientific™ Trademark™  
Product Number R4711221  
Product Name B. spizizenii ATCC 6633 Q+ KIT/100 TEST  
Lot Number 270167  
Usage Decision Accepted (OK)  
Expiration Date 2026-11-20

This product has been manufactured, processed and packaged in accordance with Quality Systems Regulation, 21 CFR Part 820. The results were derived from a representative sample of the batch and were obtained at the time of release. Refer to the enclosed product insert for instructions, intended use, hazard/safety requirements, and storage conditions.

Product Char Results

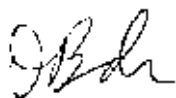
Purity	Demonstrates pure growth on applicable media
Viability	Recovered at acceptable level within test period
Passage	3 (Current preserved state)
Delivery	<100 CFU/0.1 mL

B. subtilis ATCC 6633 Q+ KIT/100	Results	Specification
>85% Identification on Vitek 2C BCL		85 - 100
>95% Identification on MicroSEQ	100	95 - 100
CFU Mean	59	-
Microscopic Features	Pass	

These tests are performed in accordance with ISO 17025 guidelines. Thermo Fisher Scientific has determined each loop of this reference material to be sufficiently homogeneous for its intended use. Individual products are traceable to a recognized culture collection. Although the Vitek(TM) panel uses many conventional tests, the unique environment of the card, combined with the short incubation period, may produce results that differ from published results obtained by other methods



Signed



Dawn Baker  
QA Manager

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CERT #6559.01

Thermo Fisher Scientific is accredited by A2LA as a registered reference material producer certificate number 6559.01 in accordance with ISO 17034[1].

[1] ISO 17034 First Edition 2016-11-01 General requirements for the competence of reference material producers

Version 1.0



# MicroSEQ ID Report



Generated at: 04 Jun 2025 at 08:43:59 CDT

270167

270167	No Mismatch
Bacillus subtilis spizizenii (ATCC=6633) 100.00	No Mismatch

Specimen : 270167

 = 0.1686%

