

***Acanthamoeba lenticulata*, Strain 72/2**

Catalog No. NR-10462

Product Description: *Acanthamoeba lenticulata* (*A. lenticulata*), strain 72/2 was isolated from the nasal mucosa of a healthy individual in Germany.

Lot¹: 59741149

Manufacturing Date: 10FEB2011

TEST	SPECIFICATIONS	RESULTS
Genotyping Sequencing of 118S ribosomal RNA gene (~ 400 bp)	Consistent with <i>A. lenticulata</i>	Consistent with <i>A. lenticulata</i>
Functional Activity by PCR Amplification² 18S ribosomal RNA gene (amplicon ASA.S1)	423 bp to 551 bp amplicon	~ 450 bp amplicon
Viable Cell Count by Hemacytometry (pre-freeze)	> 10 ⁶ cells/mL	1.8 x 10 ⁶ cells/mL
Viability (post-freeze)³	Growth	Growth

¹The deposited material was cultivated at 20°C and an aerobic atmosphere in fresh water amoeba agar medium ([ATCC medium 997](#)) inoculated with *Enterobacter aerogenes* (ATCC[®] 13048[™]) and preserved. NR-10462 was produced by cultivation of the preserved material under the propagation conditions described above.

²PCR amplification was performed using the JDP1 and JDP2 primer set as described [Schroeder, J. M. et al. "Use of Subgenetic 18S Ribosomal DNA PCR and Sequencing for Genus and Genotype Identification of Acanthamoebae from Humans with Keratitis and from Sewage Sludge." *J. Clin. Microbiol.* 39 (2001): 1903-1911. PubMed: 11326011].

³Viable cells and signs of infection were seen after 5 days under cultivation conditions at 20°C

Date: 15 JUN 2012

Signature: 

Title: Technical Manager, BEI Authentication or designee

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