

## CERTIFICATE OF ANALYSIS

**PRODUCT:** Gramicidin A, High Purity  
From *Bacillus brevis*  
C<sub>99</sub>H<sub>140</sub>N<sub>20</sub>O<sub>17</sub>, M.W. 1882.3, CAS# [11029-61-1]

**PRODUCT NUMBER:** G-1215

**LOT NUMBER:** E1385A

**APPEARANCE:** White to off-white powder

**SOLUBILITY:** Soluble in DMSO

**PURITY (HPLC):** 98.06%

**STORAGE & HANDLING:** Keep cool and dry at -20°C.  
WARNING: HARMFUL!

CAUTION: For laboratory research & scientific manufacturing use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: EV