## **Certificate of Analysis**

**Product Name:** 

N, N-BIS (PHOSPHONOMETHYL) GLYCINE

>= 98.0 % T

**Product Number:** 

15149

**Batch Number:** 

BCBM6727V

Brand:

Aldrich

**CAS Number:** 

2439-99-8

Formula:

C LL NO D

Formula:

C<sub>4</sub>H<sub>11</sub>NO<sub>8</sub>P<sub>2</sub> 263.08

**Quality Release Date:** 

19 FEB 2014

**TEST** 

**SPECIFICATION** 

**RESULT** 

APPEARANCE (COLOR)
APPEARANCE (FORM)

WHITE TO OFF WHITE

WHITE

TITRATION (T) NAOH 0.1M

POWDER

POWDER

TITRATION (T) NAOH 0.1N CARBON CONTENT 98.0 - 102.0 %

99.6 %

HYDROGEN CONTENT

18.26 % (THEORY)

18.31 %

HYDROGEN CONTENT

4.21 % (THEORY)

4.29 % 5.38 %

NITROGEN CONTENT
PROTON NMR SPECTRUM

5.32 % (THEORY)
CONFORMS TO STRUCTURE

CONFORMS

Dr. Claudia Geitner

Manager Quality Control Buchs, Switzerland

Sigma-Aldrich warrants that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.