## Certificate of Analysis

**Product Name:** N,N-BIS(PHOSPHONOMETHYL)GLYCINE

>= 98.0 % T

**Product Number:** 

15149

Batch Number:

BCBK9544V

Brand:

Aldrich

**CAS Number:** 

2439-99-8

Formula:

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

Formula Weight:

263.08

Quality Release Date:

11 APR 2013

TEST

**SPECIFICATION** 

**RESULT** 

APPEARANCE (COLOR)
APPEARANCE (FORM)

WHITE TO OFF WHITE

WHITE

TITRATION (T) NAOH 0.1M

POWDER

POWDER

CARBON CONTENT

98.0 - 102.0 %

99.6 %

HYDROGEN CONTENT

18.26 % (THEORY) 4.21 % (THEORY) 18.23 % 4.02 %

NITROGEN CONTENT

5.32 % (THEORY)

5.27 %

PROTON NMR SPECTRUM

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.