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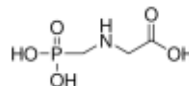
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## Certificate of Analysis

Product Name:

N-(Phosphonomethyl)glycine - plant cell culture tested, BioReagent

**Product Number:** P9556  
**Batch Number:** SLBP3340V  
**Brand:** SIGMA  
**CAS Number:** 1071-83-6  
**MDL Number:** MFCD00055350  
**Formula:** C3H8NO5P  
**Formula Weight:** 169.07 g/mol  
**Quality Release Date:** 22 OCT 2015



Test	Specification	Result
Appearance (Color)	White to Off-White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless to Faint Yellow	Colorless
Solubility (Turbidity) 50 mg/mL, 1 N NaOH	Clear to Slightly Hazy	Clear
Infrared Spectrum	Conforms to Structure	Conforms
Phosphorus (P)	17.4 - 19.2 %	17.8 %
Plant Cell Culture Test	Pass	Pass



Rodney Burbach, Manager  
Analytical Services  
St. Louis, Missouri US

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.