

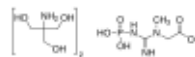
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## Product Specification

Product Name:  
Phosphocreatine di(tris) salt - ≥97% (enzymatic)

**Product Number:** P1937  
**CAS Number:** 108321-17-1  
**MDL:** MFCD00069590  
**Formula:** C<sub>4</sub>H<sub>10</sub>N<sub>3</sub>O<sub>5</sub>P · 2C<sub>4</sub>H<sub>11</sub>NO<sub>3</sub>  
**Formula Weight:** 453.38 g/mol  
**Storage Temperature:** -20 °C



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear to Very Slightly Hazy
50 mg/mL, H <sub>2</sub> O	
Carbon	29.5 - 34.0 %
as is	
Nitrogen	14.0 - 15.5 %
as-is	
% Water	≤ 8
Sodium (Na)	≤ 0.1 %
Colorimetric Assay	≤ 0.2 %
Free Creatine as determined by inorganic phosphorous content	
% Purity (anhydrous)	≥ 97
Enzymatic	

Specification: PRD.4.ZQ5.10000048972

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](http://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.

