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## Product Specification

Product Name:  
Phosphorus, red -  $\geq 99.99\%$  trace metals basis

**Product Number:** 343242  
**CAS Number:** 7723-14-0  
**MDL:** MFCD00133771  
**Formula:** P  
**Formula Weight:** 30.97 g/mol

**P**

TEST	Specification
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Appearance (Color)	Brown to Very Dark Brown to Very Dark Purple
Appearance (Form)	Powder or Chunks
ICP Major Analysis Phosphorus	Confirmed
Purity > = 99.99% Purity Based On Trace Metals Analysis	Meets Requirements
Trace Metal Analysis	$\leq 150$ ppm
Silver (Ag)	
Aluminum (Al)	
Arsenic (As)	
Boron (B)	
Barium (Ba)	
Beryllium (Be)	
Bismuth (Bi)	
Calcium (Ca)	
Cadmium (Cd)	
Cobalt (Co)	
Chromium (Cr)	
Copper (Cu)	
Iron (Fe)	
Iridium (Ir)	
Potassium (K)	
Lithium (Li)	
Magnesium (Mg)	
Manganese (Mn)	

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.

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**P****TEST****Specification**

Molybdenum (Mo)

Sodium (Na)

Nickel (Ni)

Lead (Pb)

Palladium (Pd)

Platinum (Pt)

Antimony (Sb)

Tin (Sn)

Strontium (Sr)

Titanium (Ti)

Vanadium (V)

Tungsten (W)

Zinc (Zn)

Zirconium (Zr)

Specification: PRD.0.ZQ5.10000099147

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