

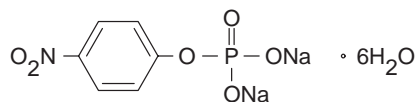
## Product Overview:

# Sigma 104<sup>®</sup> Phosphatase Substrate

p-Nitrophenyl phosphate disodium salt; pNPP



**SIGMA-ALDRICH**  
FINE CHEMICALS



### DESCRIPTION:

<b>Product Number:</b>	Sigma 104-0	<b>CAS Number:</b>	4264-83-9
<b>Molecular Weight:</b>	371.1	<b>EINECS:</b>	224-246-5
<b>Formula:</b>	C <sub>6</sub> H <sub>4</sub> NO <sub>6</sub> P • 2Na • 6H <sub>2</sub> O	<b>MDL #:</b>	00066288

### SPECIFICATIONS:

<b>Purity</b>	≥ 97% (Enzymatic; corrected for water content)
<b>Water Content</b>	28.2—30.0% (KF)
<b>Shelf Life</b>	36 months
<b>Appearance</b>	White with a faint to dark yellow cast powder

### DOCUMENTATION:

Available at [www.sigma-aldrich.com/safc](http://www.sigma-aldrich.com/safc): Certificate of Analysis; Material Safety Data Sheet

### PACKAGING\*:

50 g  
Polybottle or polybag inside polypail  
\* 3 day service for larger quantities

### STORAGE:

< 0°C

### APPLICATIONS:

Colorimetric determination of alkaline phosphatase, chromogenic substrate for clinical diagnostics and EIA.

### SIGMA-ALDRICH POSITION:

SAFC manufactures our phosphate substrates in multi-hundred kilogram quantities.

*We are committed to the success of our Customers, Employees and Shareholders through leadership in **Life Science, High Technology and Service.***