

## Active Native Potato Acid Phosphatase

Cat. No. ACP-150P    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified native Sweet Potato Acid Phosphatase. CAS Number: 9001-77-8; E.C. Number: 3.1.3.2
<b>Species</b>	Potato
<b>Source</b>	Sweet Potato
<b>Description</b>	Sweet potato acid phosphatase has been used in a study as a pre-column enzyme reactor via a covalent bond with glutaraldehyde and aminopropyl controlled-pore glass. It has also been used in a study to investigate the use of tyrosine, histidine, and cysteine as ligands for Mn(III) in sweet potato phosphatase.
<b>Form</b>	Ammonium sulfate suspension
<b>Bio-activity</b>	>200 U/mg protein
<b>Molecular Mass</b>	110000
<b>Unit Definition</b>	One unit will catalyze the hydrolysis of one micromole of p-nitrophenylphosphate to p-nitrophenol and phosphate per minute at pH 4.8 and 37C.
<b>Storage</b>	2-8 centigrade.
<b>Concentration</b>	>0.75 mg/mL (Coomassie)

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