

## Product Datasheet

### Acid Phosphatase (ACP), Sweet Potato 475-41

<b>Product Name</b>	Acid Phosphatase (ACP), Sweet Potato
<b>Catalog Number</b>	475-41
<b>Alternative Names</b>	Non-prostatic acid phosphatase, ACP, Orthophosphoric-monoester phosphohydrolase acid optimum, Acid Phosphatase, AcPase, APase
<b>Brand</b>	Lee Biosolutions
<b>Form/Appearance</b>	Lyophilized Light purple powder
<b>Concentration</b>	Report mg protein/mg solid (Coomassie)
<b>Storage</b>	-20 °C
<b>Purity</b>	≥ 300 U/mg protein
<b>CAS Number</b>	9001-77-8
<b>Source</b>	Sweet Potato
<b>Molecular Weight</b>	110000
<b>Shelf Life</b>	3 years
<b>Biological Activity</b>	≥ 30 U/mg solid
<b>Content</b>	beta-Amylase: ≤ 50% alpha-Amylase: ≤ 1%
<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 37°C.