

## Product Datasheet

### Lipase, Porcine Pancreatic 400-30

|                            |   |
|----------------------------|---|
| <b>Product Name</b>        | Lipase, Porcine Pancreatic  |
| <b>Catalog Number</b>      | 400-30  |
| <b>Alternative Names</b>   | PPL   |
| <b>Brand</b>               | Lee Biosolutions  |
| <b>Form/Appearance</b>     | Lyophilized from 20 mM Tris, 154 mM NaCl, 3 mM CaCl <sub>2</sub> , 1 mM Benzamidine Chloride, pH 7.0.   |
| <b>Concentration</b>       | ≥ 0.3 mg protein per mg solid (Coomassie)   |
| <b>Storage</b>             | -20°C   |
| <b>CAS Number</b>          | 9001-62-1   |
| <b>Source</b>              | Porcine Pancreas  |
| <b>Molecular Weight</b>    | ~52,000   |
| <b>Shelf Life</b>          | 3 years   |
| <b>Biological Activity</b> | ≥ 30 U/mg (Dimension® Clinical Chemistry System)  |
| <b>Content</b>             | Amylase ≤ 1.8%<br>Cholesterol Esterase ≤ 3%<br>Protease ≤ 0.03%   |
| <b>Specific Activity</b>   | ≥ 300 U/mg protein  |
| <b>Unit Definition</b>     | One unit will catalyze the hydrolysis of one micromole per minute of 1, 2-o-dilauryl-rac-glycero-3-glutaric acid-(6'-methylresorufin) ester in the presence of colipase, bile salt, and calcium chloride at 37°C. |