



## Certificate of Analysis

### PRONASE® Protease, *Streptomyces griseus*

<b>Batch Number:</b>	D00135630
<b>Material Number:</b>	53702-50KU
<b>RTECS Number:</b>	UK9595000
<b>CAS Number:</b>	9036-06-0

### Analytical Data

Test	Tolerance	Result
<b>Solubility:</b>		H <sub>2</sub> O (10 mg/ml)
<b>Form:</b>		Powder
<b>Activity:</b>	45000.0 PUK/g - 70000.0 PUK/g	64072.0 PUK/g
<b>Loss on drying:</b>	≤5.0 %	3.9 %
<b>pH:</b>	6.5 - 8.5	7.6

**Unit Definition:** One unit is defined as the amount of enzyme that will liberate a digestion product equivalent to 25 µg of tyrosine per min at 40°C, pH 7.5.

<b>Storage and Handling:</b>	+2°C to +8°C
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Tofazzal Hossain, Quality Assurance Manager

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Date

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