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**L101**

**LysN**

**Lot: 6915**

Product name:	LysN
Purification:	IEC and SEC
Purity:	> 98 % ( $> 90\%$ ) <sup>5</sup>
Formulation:	20 mM HEPES 10 mM NaCl pH 6.0, sterile
Concentration:	1.03 mg/ml ( $> 0.5\text{ mg/ml}$ ) <sup>5</sup> 27.3 $\mu\text{M}$
Volume:	510 $\mu\text{l}$
Amount:	525 $\mu\text{g}$ (500 – 530 $\mu\text{g}$ ) <sup>5</sup>
Specific activity <sup>1</sup> :	17100 U/mg <sup>2</sup> $> 10.000\text{ U/mg}^{2,5}$
Endotoxin:	NA <sup>3</sup> NA <sup>3,5</sup>
Storage:	-80 °C ( $< -20\text{ °C}$ ) <sup>5</sup>
Expiration date:	20-02-2027 <sup>4</sup>

<sup>1</sup>Azocaseine assay in 0.1 M Glycine/NaOH pH 10. <sup>2</sup>1 U will produce a  $\Delta\text{A}342$  of 0.001 per minute in a 1 ml reaction at pH 10 and 37 °C.

<sup>3</sup>Not applicable. <sup>4</sup>If stored at -80 °C. <sup>5</sup>Specification range.

## Available Product Sizes

Catalog number	Size
L101 – 0.025 mg	0.025 mg
L101 – 0.1 mg	0.1 mg
L101 – 0.5 mg	0.5 mg
Bulk	On request

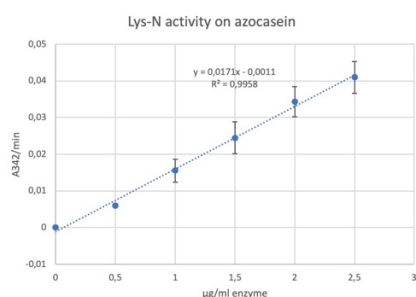


Figure 1:  
Azocaseine activity assay.  
Unit definition: One Unit (U) will produce a delta A342 of 0.001 per minute in a 1 ml reaction volume at pH 10 and 37 °C (1 cm path length).

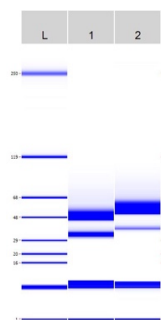


Figure 2:  
LabChip capillary electrophoresis

## Validated by

*Roland Romijn*

QC manager

## PRODUCT USE LIMITATIONS, WARRANTY, DISCLAIMER

The product is not for use in humans.

The product can only be used for internal research and development.

The product cannot be used in any commercial activity (commercial use includes, but is not limited to, 1) preparation of growth media with the purpose of sale, 2) R&D activities for third parties). The product cannot be resold. Please contact [bd@ipatherapeutics.com](mailto:bd@ipatherapeutics.com) to inquire about further information.

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