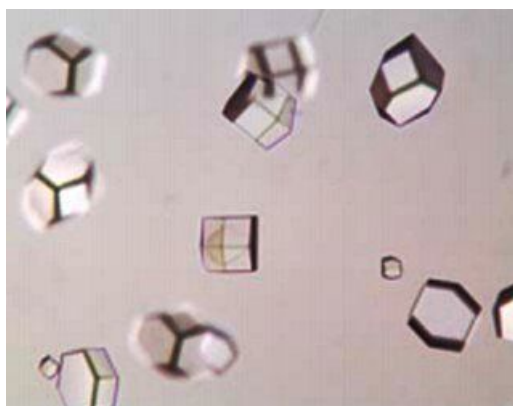


## Product Datasheet

### Lysozyme - Solution (orb94071)

<b>Description</b>	Lysozyme is a glycosidase which hydrolyzes the $\beta$ 1, 4 glycosidic bond between N-acetylmuramic acid and N-acetyl-D-glucosamine residues in the bacterial peptidoglycan.
<b>Form/Appearance</b>	aqueous solution; pH: 3.5 (H <sub>2</sub> O, 20 °C)
<b>Concentration</b>	20 mg/ml
<b>Storage</b>	store at 4 °C
<b>Note</b>	For research use only
<b>Application notes</b>	Lysozyme can be utilized as model protein in crystallization experiments and X-ray structure analysis.
<b>Source</b>	Chicken egg white
<b>MW</b>	Theoretical MW: 14.3 kDa (single chain)
<b>CAS Number</b>	12650-88-3
<b>Solubility (25°C)</b>	300 g/l in water
<b>Expiration Date</b>	12 months from date of receipt.



Microbatch method: Lysozyme crystal grown in the presence of 8% w/V NaCl and 100mM Sodium acetate with pH4.2

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