

Product Datasheet

a-Amylase, Human Saliva 120-17

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| Product Name | a-Amylase, Human Saliva |
| Catalog Number | 120-17 |
| Alternative Names | 1,4-alpha-D-Glucan-glucohydrolase, ptyalin |
| Brand | Lee Biosolutions |
| Form/Appearance | Liquid Clear, colorless liquid |
| Concentration | ≥ 1.0 mg protein/mL (Coomassie) |
| Storage | -20 °C |
| Purity | ≥ 90% (SDS-PAGE) |
| CAS Number | 9000-90-2 |
| Source | Human Saliva |
| Molecular Weight | ~60,000 |
| Shelf Life | 1 year |
| Biological Activity | ≥ 2,000 U/mL (Siemens Dimension® Clinical Chemistry System) |
| Content | Lipase: ≤ 0.05% Protease: ≤ 0.1% Calcium: ≤ 3 mg/MU |
| Specific Activity | ≥ 200 U/mg protein |
| Unit Definition | One unit will catalyze the hydrolysis of one micromole 2-chloro-4-nitrophenyl- α -D-maltotrioxide to yield 2-chloro-4-nitrophenol per minute at 37°C. |