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## Product Specification

Product Name:

Cystatin from chicken egg white – buffered aqueous glycerol solution

Product Number:

**C0408**

CAS Number:

81989-95-9

Storage Temperature:

-20 °C

**TEST****Specification**

|   |               |
|---|---------------|
| Appearance (Form)   | Liquid        |
| Appearance (Colour)   | Colorless     |
| Appearance (Turbidity)  | Clear         |
| Protein Content (Method)  | E1% at 280nm  |
| Enzym. Assay (Spec. Activity)   | ≥ 40.00 U/mgP |
| Gel Electroph. (Gel)  | SDS-Page      |
| Gel Electroph. (Stain)  | Coomassie     |
| Gel Electroph. (Description)  | 1 Major Band  |
| Gel Elec. (Maj. Band at kDa)  | 15 - 15 kDa   |
| Unit Definition   | -----         |
| One BAEE unit of Papain will hydrolyze 1.0 Micromole of N-Alpha-Benzoyl-L-Arginine Ethyl Ester per minute at PH 6.2 at 25 DEG C |               |
| Recommended Retest Period   | -----         |
| 2 Years   |               |

Specification: PRE.2.ZQ5.10000004258

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.