

## Certificate of Analysis

**Product:** 5D-APROTININ

**Reference Number:** 5D-62106-1

**Lot Number:** 260903-10

**Expiration Date:** 2030-09

**Description:** Aprotinin lyophilized Powder, Trypsin inhibitor, pancreatic alkaline. Aprotinin is multiple inhibitor of many serine proteases, including trypsin, Plasmin, Urokinase, Kallikrein, Factor XIIa, etc. It contains 58 amino acids. It forms stable complexes with these enzymes.

**Storage:** Store unopened vial at 2-8°C

**Presentation:** Vial of 1 g

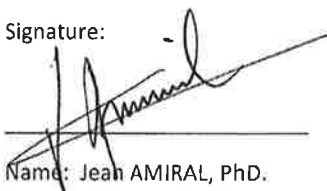
**Specifications:** Lot specific assay results:

| Tests                                  | Results                                     | Specifications                              |
|----------------------------------------|---------------------------------------------|---------------------------------------------|
| Specific Activity (Trypsin inhibition) | 6408 KIU/mg                                 | 6,000 +/- 1,000 KIU/mg                      |
| Appearance                             | White powder                                | White powder                                |
| Appearance at 15 PEU/ml                | Clear solution                              | Clear solution                              |
| Solubility in water                    | ≥50 mg/mL                                   | ≥50 mg/mL                                   |
| Visual Inspection                      | White lyophilized pellet                    | White lyophilized pellet                    |
| pH*                                    | 6.54 at 21°C                                | 5.00 to 7.00                                |
| Protein Content (per vial)             | 1,010 mg                                    | 1000 +/- 50 mg                              |
| Product homogeneity                    | 1 single band at about 6,500 Da on SDS PAGE | 1 single band at about 6,500 Da on SDS PAGE |
| Absorbance at 3 PEU/ml (280nm)         | 0.639                                       | 0.60 to 0.80                                |
| Conclusion                             | Passed                                      | Passed                                      |

- **Note:** Aprotinin is diluted in distilled water; there is no buffering substance; pH can therefore present fluctuations, as the aprotinin solution is not buffered.

### For laboratory Use Only.

Signature:



Name: Jean AMIRAL, PhD.

Date: 10/09/2026