

# BROMELAIN POWDER

## 2400 GDU/g | Pharmaceutical & Nutraceutical Grade

Pineapple-derived proteolytic enzyme • *Ananas comosus*

### PRODUCT PROFILE

High-activity Bromelain powder intended for nutraceutical, pharmaceutical and specialty protein-hydrolysis applications.

### TYPICAL / SPECIFICATION INFORMATION

| Parameter        | Specification / Information                                                                   |
|------------------|-----------------------------------------------------------------------------------------------|
| Enzyme           | Bromelain                                                                                     |
| Source           | <i>Ananas comosus</i> (pineapple)                                                             |
| Activity         | Minimum 2400 GDU/g; current public datasheet states measurement accuracy $\pm 5\%$            |
| Physical form    | Amorphous dry powder; easily soluble in water                                                 |
| Carrier          | Maltodextrin                                                                                  |
| pH (1% solution) | 5.0 – 7.0                                                                                     |
| Loss on drying   | Not more than 10%                                                                             |
| Ash              | Not more than 8%                                                                              |
| Microbiology     | TPC $\leq 1,000$ CFU/g; Yeast & Mould $\leq 100$ CFU/g; E. coli Negative; Salmonella Negative |
| Heavy metals     | Refer to current controlled specification / batch COA                                         |
| Applications     | Nutraceutical, pharmaceutical and specialty enzyme applications                               |

### PACKAGING & STORAGE

Current public datasheet: 1 kg / 25 kg packaging in aluminium foil bag with coated aluminium drum. Store in a cool, dry place and protect from moisture; confirm exact current storage statement before controlled release.

### APPLICATIONS

Food, nutraceutical, pharmaceutical, cosmetic, feed and protein-processing applications as applicable to the selected grade and customer formulation. Application suitability should be validated under the customer's process and regulatory requirements.

### QUALITY & DOCUMENT CONTROL

This technical sheet is intended for product evaluation and commercial discussion. Batch-specific Certificate of Analysis (COA), Safety Data Sheet (SDS), and other supporting documentation should be requested from Szymotech for qualification. Final specifications and regulatory

claims must be confirmed against the current controlled product specification and batch documentation.