

# SOY PROTEIN ISOLATE ISOPRO 521

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## PRODUCT SPECIFICATION AND DATA SHEET

### DESCRIPTION

**ISOPRO 521** is an upgraded product made by Sinoglory™, it performs higher and stable water binding and oil binding abilities in a wide variety of meat systems. As **ISOPRO 521** is especially highly effective in emulsifying fat and hydrates rapidly, it is recommended to be added directly to meats in both chopper or mixer emulsifier systems.

| PHYSICAL CHARACTERISTICS |         |     | TYPICAL BACTERIOLOGICAL ANALYSIS |              |
|--------------------------|---------|-----|----------------------------------|--------------|
| Protein (DRY BASE)       | 90%     | min | Standard plate count             | 20,000/g max |
| Moisture                 | 7%      | max | Coliforms                        | 10CFU/g max  |
| Ash                      | 6%      | max | E coli (in 0.1g)                 | negative     |
| Fat (Extract)            | 0.5%    | max | Salmonella (in 25g)              | negative     |
| PH                       | 7.3±0.5 |     | Yeast and mould                  | 100/g max    |
| Flavor                   | neutral |     |                                  |              |

### PARTICLE DISTRIBUTION(TYPICAL ANALYSIS)

98% through 100# U.S. standard screen

### ESSENTIAL AMINO ACID (G/100G) \*

|               |       |               |       |
|---------------|-------|---------------|-------|
| Arginine      | 6.62  | Methionine    | 1.26  |
| Cystine       | 2.64  | Serine        | 4.55  |
| Tryptophan    | 1.50  | Lysine        | 5.43  |
| Histidine     | 2.69  | Phenylalanine | 3.87  |
| Tyrosine      | 3.15  | Threonine     | 2.88  |
| Leucine       | 7.52  | Valine        | 4.06  |
| Glutamic acid | 16.52 | Aspartic acid | 10.31 |
| Glycine       | 3.39  | Alanine       | 3.52  |
| Proline       | 4.44  | Isoleucine    | 3.46  |

\* average value

Packing: 20kg net weight, paper/plastic bag poly-lined.

Storage: below 75°F and 60% relative humidity promotes longer shelf life.

Certificate: BRC, HACCP, ISO9000, ISO22000, IP, Kosher & Halal certificated

Shelf life: 18 Months

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