

## KOLAJEN ANALİZ SERTİFİKASI

Product Name : Kolajen

Cas Number : 9007-34-5

Molecular Formula :  $C_{57}H_{91}N_{19}O_{16}$ 

| ANALYSIS                                   | UNITS | SPECIFICATIONS | VALUES | STD.DEV. |
|--------------------------------------------|-------|----------------|--------|----------|
| <b><u>PHYSICAL/CHEMICAL PROPERTIES</u></b> |       |                |        |          |
| Ash (550°C, 5 h)                           | %     | ≤ 2            | 1.6    | 0.1      |
| Bulk Density                               | g/L   | 300 - 500      | 428    | 7        |
| Moisture                                   | %     | 2.5 - 7.0      | 4.9    | 0.2      |
| pH (5% Solution)                           |       | 4.0 - 7.0      | 6.5    | 0.2      |
| Protein (Viscofan Method)                  | %     | ≥ 92           | 93.5   | 0.2      |
| Molecular Weight (Viscofan GPC Method)     | Da    | 1000 - 3000    | Comply |          |
| Odor (Viscofan Method)                     |       | Neutral        | Comply |          |
| Taste (Viscofan Method)                    |       | Neutral        | Comply |          |
| Potassium sorbate                          | ppm   | ≤ 1000         | 323    | 97       |
| Oxidizing Substances (H2O2) (1)            | mg/kg | ≤ 10           | Comply |          |
| Arsenic (1)                                | mg/kg | ≤ 1            | Comply |          |
| Cadmium (1)                                | mg/kg | ≤ 0.5          | Comply |          |
| Chromium (1)                               | mg/kg | ≤ 10           | Comply |          |
| Copper (1)                                 | mg/kg | ≤ 30           | Comply |          |
| Lead (1)                                   | mg/kg | ≤ 3            | Comply |          |
| Mercury (1)                                | mg/kg | ≤ 0.1          | Comply |          |
| Sulfites (1)                               | mg/kg | ≤ 10           | Comply |          |
| Zinc (1)                                   | mg/kg | ≤ 50           | Comply |          |
| <b><u>MICROBIOLOGICAL PARAMETERS</u></b>   |       |                |        |          |
| Salmonella (DIN EN ISO 6579)               | 25g   | Absent         | Absent |          |

**Not:** Bu belge üzerindeki spesifikasyonlar, üretici tarafından yapılan analiz sonuçlarındaki değerlerle bire bir aynıdır.