# Collagen Tripeptide

*— · CAS 9007-34-5 · Collagen tripeptide, powder*

CATALOG TDS — CONFIRMED IN WRITING AT QUOTATION

| CHEMICAL FORM | FORMULA | CAS | PRIMARY ASSAY |
|---|---|---|---|
| Collagen tripeptide, powder | — | 9007-34-5 | ≥90.0% |
| **METHOD** | **MINIMUM ORDER** | **LEAD TIME** | **STANDARD PACK** |
| Kjeldahl protein and SEC-HPLC peptide distribution | 1 kg | 1–7 days | 1 kg foil pouch · 25 kg fiber drum |

## DESCRIPTION

Collagen tripeptide specified at ≥90.0% protein with ≥30.0% tripeptide content; the tripeptide fraction and the source are the specification.

## SPECIFICATION

| PARAMETER | SPECIFICATION | METHOD / NOTE |
|---|---|---|
| Protein (Kjeldahl, N×5.55) | ≥90.0% | As stated |
| Tripeptide content | ≥30.0% (HPLC) | As stated |
| Peptide content | ≥80.0% (SEC-HPLC) | As stated |
| Appearance | Off-white to pale yellow powder | As stated |
| Loss on drying | ≤7.0% | As stated |
| Ash | ≤5.0% | As stated |
| Heavy metals | Pb ≤3 · As ≤2 · Cd ≤1 · Hg ≤0.1 mg/kg | As stated |
| Microbiology | APC ≤1,000 cfu/g · yeast and mould ≤100 cfu/g · E. coli and Salmonella absent | As stated |
| Particle size | ≥95% through 80 mesh | As stated |
| Marker set | Protein ≥90%; tripeptide ≥30.0% | Identity |
| Solubility | Soluble in water; the solution is clear to slightly opalescent. | Matrix dependent |

## APPLICATIONS

- Capsules and tablets
- Powder sticks and drink mixes

## AVAILABLE FORMS

- Powder, 80 mesh
- Granulated on request

## PACKING

## STORAGE

- 1 kg foil pouch
- 25 kg fiber drum

Store in a cool, dry, well-ventilated area, away from direct sunlight and moisture. Keep the pack closed after sampling. The lot-specific retest date is shown on the batch COA.

## DOCUMENTATION RELEASED WITH EACH LOT

- Batch-specific certificate of analysis
- Technical data sheet and safety data sheet
- Allergen, GMO, origin and residual-solvent statements
- Third-party reports on request

> **Catalog document.** This TDS describes the grade we can quote. The final specification, pack and documentation are confirmed in writing before the order. It is not a batch COA and does not report a result for a specific lot.

Shaanxi Rainwood Biotech Co., Ltd. · Rm 218, Tangxing Digital Bldg, #6 Tangxing Rd, Xi'an, Shaanxi, China
info@rainwoodbio.com · nutrition.rainwoodbio.com