



# Career Henan Chemical Co

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## Certificate of Analysis

|                   |            |              |            |
|-------------------|------------|--------------|------------|
| Product Name      | PAPAIN     |              |            |
| Plant Part        | PAPAYA     | Origin:      | China      |
| CAS No.           | 9001-73-4  | Batch Number | KR19010527 |
| Manufacturer Date | 2019-01-05 | Date of Test | 2019-01-09 |

| ITEMS OF ANALYSIS   | SPECIFICATIONS           | RESULTS        |
|---------------------|--------------------------|----------------|
| Appearance          | White Powder             | Conform        |
| Odor                | Free of offensive odours | Conform        |
| Activity of enzyme  | 60,000USP u/mg           | 60,060USP u/mg |
| Loss on drying      | ≤5.0%                    | 3.20%          |
| Loss on ignition    | ≤5.0%                    | 3.50%          |
| Heavy metals (Pb)   | ≤2.0mg/kg                | <2.0mg/kg      |
| Heavy metals(As)    | ≤2.0mg/kg                | <2.0mg/kg      |
| <b>Microbiology</b> |                          |                |
| Total Plate Count   | <10000cfu/g              | 3600 cfu/g     |
| Coliforms           | <30cfu/g                 | <30cfu/g       |
| Salmonella          | Absent in 25g            | Absent         |
| Yeast and mould     | <100 cfu/g               | conform        |



Storage      Stored humidity protected  
(RH less than 60) at temperature below 4°C

Shelf life    1 year when properly stored

Analyst: 连俊昊

Supervisor: 李文