



陕西康盛生物技术有限公司  
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## Certificate of Analysis

|                         |   |                           |                 |
|-------------------------|---|---------------------------|-----------------|
| Product Name            | Valeric Acid 0.8% HPLC  |                           |                 |
| Latin Name              | <i>Radix Valerianae</i>   | Plant Origin              | China Mainland  |
| Part Used               | Root  | Manufacture Date          | Oct. 12th, 2020 |
| Batch No.               | KS-S-201012   | Analysis Date             | Oct. 15th, 2020 |
| Extract Solvent         | Ethanol & Water   | Expiry Date               | Oct. 11th, 2022 |
| ITEMS                   | METHODS   | SPECIFICATIONS            | RESULTS         |
| Assay                   | HPLC  | Valeric Acid $\geq 0.8\%$ | 0.81%           |
| Appearance              | Visual  | Brown yellow powder       | Complies        |
| Odor                    | Organoleptic  | Characteristic            | Complies        |
| Taste                   | Organoleptic  | Characteristic            | Complies        |
| Particle Size           | Sieve   | 95% through 80 mesh       | Complies        |
| Loss on Drying          | GB5009.3  | $\leq 5.0\%$              | 3.75%           |
| Ash                     | GB5009.4  | $\leq 5.0\%$              | 2.15%           |
| Heavy Metals            |   | $\leq 10$ ppm             | Complies        |
| As                      | AOAC  | $\leq 0.5$ ppm            | Complies        |
| Pb                      | AOAC  | $\leq 2$ ppm              | Complies        |
| Cd                      | AOAC  | $\leq 1$ ppm              | Complies        |
| Hg                      | AOAC  | $\leq 0.5$ ppm            | Complies        |
| Pesticide Residue       | AOAC  | Negative                  | Complies        |
| Microbiological Control |   |                           |                 |
| Total Plate Count       | GB4789.2  | $\leq 1,000$ cfu/g        | Complies        |
| Yeast & Mold            | GB4789.15   | $\leq 100$ cfu/g          | Complies        |
| Escherichia Coli        | GB4789.3  | Negative                  | Complies        |
| Salmonella              | GB4789.4  | Negative                  | Complies        |
| Staphylococcus          | GB4789.10   | Negative                  | Complies        |
| Conclusion              | Qualified   |                           |                 |
| Package:                | Double layer of transparent plastic bags in 1KG aluminum bags or 25kg paper drums |                           |                 |
| Storage:                | Store in a dry and cool place and protect it from light, heat and moisture.       |                           |                 |
| Shelf life:             | 24 months when properly stored.   |                           |                 |
| QC                      | Qu Jiaojiao   | QA                        | Li Jia          |

