



# NEW AMBITION CHEMICAL

Address: 2 Shandong Rd., Qingdao 266100, China

Tel. +86 532 8386 5768

Email: [sales@ambitionchems.com](mailto:sales@ambitionchems.com)

[www.ambitionchems.com](http://www.ambitionchems.com)

## CERTIFICATE OF ANALYSIS

| Product Name:<br><br>Monosodium Glutamate(MSG) | Batch Number: 20230721       |             |
|--|------------------------------|-------------|
|  | Test date: 2023/07/23        |             |
|  | Mfg.date: 2023/07/21         |             |
|  | Exp.date: 2025/07/21         |             |
| Item   | Standard                     | Test Result |
| Particle size                                  | 60 mesh                      | 60 mesh     |
| Appearance                                     | Clear and colorless crystals | Conforms    |
| Assay  | 99.0% ~ 100%                 | 99.5%       |
| Specific Rotation                              | +24.9 ~ +25.3                | 25.1        |
| pH (5% solution)                               | 6.7 ~ 7.5                    | 7.0         |
| Loss on drying (H <sub>2</sub> O)              | ≤ 0.5%                       | ≤ 0.1%      |
| Chloride (Cl)                                  | ≤ 0.1%                       | ≤ 0.05%     |
| Sulphate (SO <sub>4</sub> )                    | ≤ 0.05%                      | 0.013%      |
| Iron (Fe)                                      | ≤ 5 mg/kg                    | ≤ 5 mg/kg   |
| Lead (Pb)                                      | ≤ 1 mg/kg                    | ≤ 1 mg/kg   |



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|  |                            |                            |
|--|----------------------------|----------------------------|
| Arsenic (As <sub>2</sub> SO <sub>3</sub> )     | ≤ 0.5 mg/kg                | ≤ 0.5 mg/kg                |
| Translucent rate                               | ≥ 98.0%                    | 99.0%                      |
| Solubility                                     | 72.0g/100 ml water @ 25 °C | 72.0g/100 ml water @ 25 °C |
| Total plate count                              | ≤ 800 CFU/g                | ≤ 800 CFU/g                |
| Total coliform/ g                              | Not detectable             | Not detectable             |
| E. Coli/ g                                     | Not detectable             | Not detectable             |
| Salmonella/ 25g                                | Not detectable             | Not detectable             |
| Conclusion: The goods conform to GB/T8967-2007 |                            |                            |