



# Wuhan HengHeDa Pharm Co., Ltd

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Wuhan Economic& Technological Development Zone, Wuhan, China

## CERTIFICATE OF ANALYSIS

|  |  |                         |
|--|--|-------------------------|
| Product name                                       | Inositol   |                         |
| CAS NO   | 87-89-8  |                         |
| Molecular formula                                  | C <sub>6</sub> H <sub>12</sub> O <sub>6</sub>                  |                         |
| Molecular weight                                   | 180.16   |                         |
| Quantity   | 500KG  |                         |
| Batch NO   | HHD20221212  |                         |
| Production date                                    | 2022.12.12   |                         |
| Expiry Date  | 2024.12.11   |                         |
| Test based on enterprise standard                  |  |                         |
| Test Item  | Specification  | Result                  |
| Appearance   | White or almost white, crystalline powder                      | Passed test             |
| Solubility   | very soluble in water, practically insoluble in ethanol (96 %) | Passed test             |
| Identification (A,B)                               | Positive reaction  | Passed test             |
| Appearance of solution(10g/100ml H <sub>2</sub> O) | Clear and colorless  | Passed test             |
| Conductivity                                       | Not more than 30 u S.cm <sup>-1</sup>                          | 9.2u S.cm <sup>-1</sup> |
| Barium   | Passes test  | Passes test             |
| Lead   | Not more than 0.5ppm   | Not detected            |
| Water  | Not more than 0.5%   | 0.02%                   |
| Assay ( anhydrous substance)                       | 97.0% to 102.0%  | 99.7%                   |
| Related substances                                 | Impurities A,B Not more than 0.3%                              | Passed test             |
|  | Unspecified impurities . Not more than 0.10%                   | Passed test             |
|  | Total impurity Not more than 1.0 %                             | Passed test             |

|                        |   |             |
|------------------------|---|-------------|
|                        | Disregard limit Not more than<br>0.05 % | Passed test |
| Total Aerobic Bacteria | $\leq 10^3$ cfu/g                       | <10cfu/g    |
| Molds & Yeasts         | $\leq 10^2$ cfu/g                       | <10cfu/g    |
| Escherichia coli       | Negative                                | Negative    |
| Salmonella             | Negative/25g                            | Negative    |

|   |  |
|---|--|
| Storage   | Store in cool & dry place, keep away from strong light and heat. |
| Shelf life  | 2 years when properly stored.                                    |
| Conclusion: This product complies with above specification.   |  |
| All products are exported for Lab & Research use in legal and Non-patented area only. Products may not be used in human or animals. Individuals are fully responsible for all consequences arising therefrom. |  |

Inspector  
Shen Wu

Director  
King Yang

