



## CERTIFICATE OF ANALYSIS

Product Name: Inositol USP43/NF38 CAS No.: 87-89-8  
Batch Number: 20240112 Batch Quantity: 2000KG  
Manufacture Date: 2024-01-12 Expiry Date: 2026-01-11

| Items               | SPECIFICATION  | RESULTS              |
|---------------------|--|----------------------|
| Appearance          | White Fine Powder  | Conforms             |
| Identification      | The retention time of the major peak of the sample solution corresponds to that of the standard solution.                    | Conforms             |
| Assay               | 98.0% - 102%   | 99.15%               |
| Loss on drying      | 0.5% Max   | 0.07%                |
| Ash                 | 0.1% Max   | 0.03%                |
| Conductivity        | 20uS/cm Max  | 12.16uS/cm           |
| Clarity of solution | The same clarity as that of water  | Conforms             |
| Color of solution   | The test solution is not more intensely colored than Standard solution A, Standard solution B, Standard solution C or water. | Conforms             |
| Heavy metals        | 10 ppm Max   | Conforms             |
| Pb                  | 0.5 ppm Max  | Conforms             |
| Impurities          | Any single impurity:0.3% Max<br>Total impurities: 1% max   | Conforms<br>Conforms |
| Total Plate Count   | 1000cfu/g Max  | Conforms             |
| Yeast & Mold        | 100cfu/g Max   | Conforms             |
| E-Coli              | Negative   | Conforms             |
| Salmonella          | Negative   | Conforms             |
| <b>Conclusion</b>   | Comply with USP43/NF38 Standard.   |                      |
| <b>Storage</b>      | Store in cool & dry place, keep away from strong light and heat.   |                      |

Shawn  
Analyst

Rick  
Approved

Whip  
Header of QC