



## CERTIFICATE OF ANALYSIS

|                           |             |
|---------------------------|-------------|
| PRODUCT NAME/DESCRIPTION: | Glutathione |
| FINISHED LOT NUMBER:      | P22B1438    |
| EXPIRATION DATE:          | 05/2024     |
| SERVING SIZE:             | 2 capsules  |

## ASSAY (ACTIVE INGREDIENTS)

| ANALYTE             | SPECIFICATION<br>(PER SERVING SIZE) | TEST METHOD | RESULT   |
|---------------------|-------------------------------------|-------------|----------|
| 5-Hydroxytryptophan | NLT 1,000 mg<br>(100% - 125%)       | HPLC        | 1,033 mg |

## DESCRIPTION

| TEST NAME                       | SPECIFICATION                           | METHOD       | RESULT   |
|---------------------------------|---|--------------|----------|
| Appearance / Color /<br>Texture | Clear capsule with white<br>powder fill | Organoleptic | Conforms |
| Fill Weight                     | 573 mg - 633 mg / capsule               | Average      | 581 mg   |

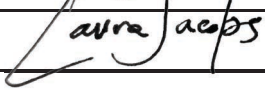
## MICROBIAL REQUIREMENTS

| TEST NAME                      | SPECIFICATION    | METHOD     | RESULT   |
|--------------------------------|------------------|------------|----------|
| Total Aerobic Plate Count      | < 10,000 CFU / g | USP <2021> | Complies |
| Combined Total Yeast<br>& Mold | < 1,000 CFU / g  | USP <2021> | Complies |
| <i>Escherichia coli</i>        | Absence in 10 g  | USP <2022> | Negative |
| <i>Salmonella spp.</i>         | Absence in 10 g  | USP <2022> | Negative |
| <i>Staphylococcus aureus</i>   | Absence in 10 g  | USP <2022> | Negative |



### HEAVY METALS LIMITS

| TEST NAME | SPECIFICATION        | METHOD | RESULT   |
|-----------|----------------------|--------|----------|
| Arsenic   | < 10 mcg/daily dose  | ICP-MS | Complies |
| Cadmium   | < 4.1 mcg/daily dose | ICP-MS | Complies |
| Lead      | < .5 mcg/daily dose  | ICP-MS | Complies |
| Mercury   | < 1 mcg/daily dose   | ICP-MS | Complies |

|  |                       |   |
|--|-----------------------|---|
|  | <b>Authorized By</b>  |  |
|  | <b>Name (printed)</b> | Laura Jacobs  |
|  | <b>Title</b>          | QA Manager  |
|  | <b>Date (MM/YYYY)</b> | 07/2022   |