

## Certificate of Analysis

Product Name: **DHEA (Dehydroepiandrosterone)**  
 Country of Origin: **China**  
 Batch Number: **Varies**  
 Manufacture Date: **Varies**  
 Retest Date: **Varies**

### Test Results Obtained by PureBulk

| ITEMS                                | SPECIFICATIONS                     | RESULTS      |
|--------------------------------------|------------------------------------|--------------|
| DHEA (Dehydroepiandrosterone) (HPLC) | ≥98.5%                             | 98.81%       |
| Arsenic                              | ≤3 ppm                             | <0.0100 ppm  |
| Cadmium                              | ≤1 ppm                             | <0.00500 ppm |
| Lead                                 | ≤0.5 ppm                           | <0.00500 ppm |
| Mercury                              | ≤0.1 ppm                           | <0.00500 ppm |
| Aerobic Plate Count                  | ≤1000 cfu/g                        | <20 cfu/g    |
| Coliforms                            | ≤100 cfu/g                         | <20 cfu/g    |
| <i>E. Coli</i>                       | Negative                           | Absent       |
| <i>Staph aureus</i>                  | Negative                           | Absent       |
| Yeast & Mold                         | ≤100 cfu/g                         | <20 cfu/g    |
| <i>Salmonella</i>                    | Negative                           | Absent       |
| <i>Pseudo. aeruginosa</i>            | Negative                           | Absent       |
| Conclusion (PureBulk):               | This product conforms to standards |              |

The following information is an indirect translation of information provided from the Manufacturer's Certificate of Analysis, and should not be used solely as an instrument for strict quality control.

| ITEMS                              | SPECIFICATIONS  | RESULTS                              |
|------------------------------------|---|--------------------------------------|
| Appearance                         | White or almost white crystalline powder  | White crystalline powder, Micronized |
| Identification:                    | *A: IR spectrum of sample should be corresponds to that of working reference standard.<br>*B: HPLC: The retention time obtained from the sample solution corresponds to the retention time from the standard solution | Conforms                             |
| Water                              | ≤0.5%   | 0.12%                                |
| Loss on Drying                     | ≤0.50%  | 0.12%                                |
| Specific Rotation                  | +11.0°C ~ +14.0°C   | +12.7°C                              |
| Related Substances:                | Any Impurity: ≤0.10%  | Not Detected                         |
|                                    | Total Impurity: ≤0.5%   | Not Detected                         |
| A) Bulk density:                   | ~   | A) .02510 g/ml                       |
| B) Apparent density after tamping: |   | B) .06016 g/ml                       |
| Particle Size                      | 100% though 200 mesh  | Conforms                             |
| Conclusion (Manufacturer):         | This product conforms to BZC04-01. standards  |                                      |

**Storage Conditions:** **Keep in sealed container under 25°C.**  
**Keep away from strong light, heat and moisture.**

*Purebulk.Inc verifies that the information contained herein is true and correct to the best of our knowledge.*

*Verified By: Ann Foote / Nicole Rammage / Candace Gibson*

*( This document was produced electronically and is valid without signature. )*