

# Clover Nutrition™

A Clover Nutrition Inc [www.clovernutrition.com](http://www.clovernutrition.com)

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## Certificate of Analysis

|                      |   |                        |   |
|----------------------|---|------------------------|---|
| Product Name         | Elderberry fruit Extract  | Latin Name             | Sambucus williamsii                                     |
| Batch No.            | CNEF151125  | Mfg Date/Expi Date     | Nov 25 <sup>th</sup> . 2015/Nov 24 <sup>th</sup> . 2017 |
| Quantity             | 600KGS  | Part Used              | Fruit   |
| Items                | Specifications  | Results                |   |
| Appearance           | Purple Red Fine Powder  | Complies               |   |
| Odor/Taste           | Characteristics   | Complies               |   |
| Partical Size        | 98% through 80 meshes   | 100% through 80 meshes |   |
| Loss on Drying       | ≤10.0%  | 3.18%                  |   |
| Ash                  | ≤10.0%  | 2.69%                  |   |
| Assay                | 15:1 TLC  | 15:1TLC                |   |
| Heavy Metals         | ≤10 ppm   | Complies               |   |
| As                   | ≤1.00 ppm   | Complies               |   |
| Pb                   | ≤1.00 ppm   | Complies               |   |
| Hg                   | ≤1.00 ppm   | Complies               |   |
| Cd                   | ≤0.50 ppm   | Complies               |   |
| Pesticide Residue    |   |                        |   |
| Acephate             | <0.5 PPM  | Complies               |   |
| Methamidophos        | <0.5 PPM  | Complies               |   |
| Parathion            | <0.5 PPM  | Complies               |   |
| PCNB                 | <10PPB  | Complies               |   |
| Total of Plate Count | <10000CFU/g   | 290CFU/g               |   |
| Yeast and Mold       | <1000CFU/g  | 89CFU/g                |   |
| Salmonella           | Negative  | Complies               |   |
| E.coli               | Negative  | Complies               |   |
| Storage/Packaging    | Store in cool & dry place & Keep away from light.<br>Storage temperature: -10℃ to 30℃. 25kg in one type cardboard drum. |                        |   |
| Shelf Life           | 24 months when properly stored  |                        |   |
| Conclusion           | CNEF151125 batch is qualified to delivery according to test report of certification of analysis.                        |                        |   |
| Report Date:         | Nov 25 <sup>th</sup> . 2015   | QC                     | He Tao  |