



四川青益纯医药科技有限公司  
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## CERTIFICATE OF ANALYSIS

|                         |                     |                    |               |
|-------------------------|---------------------|--------------------|---------------|
| <b>Product Name</b>     | Billberry Extract   | <b>Code</b>        | BPBE-639-A    |
| <b>Botanical Source</b> | Vaccinium Mystillus | <b>Used Part</b>   | Fruit         |
| <b>Batch No.</b>        | H010363917A         | <b>Mfg. Date</b>   | Mar. 09, 2017 |
| <b>Packing</b>          | 25KG/DRUM           | <b>Retest Date</b> | Mar. 08, 2019 |
| <b>Quantity</b>         | 50KG                | <b>Report Date</b> | Mar. 16, 2017 |
| <b>Specification</b>    | In-house            |                    |               |

| ITEM                     | SPECIFICATION   | RESULT   |
|--------------------------|---|----------|
| <b>Assay:</b>            |   |          |
| Anthocyanins(HPLC)       | ≥25.0%  | 25.19%   |
| <b>Appearance</b>        | Dark-violet fine powder   | Complies |
| <b>Odor</b>              | Characteristic  | Complies |
| <b>Taste</b>             | Characteristic  | Complies |
| <b>Particle Size</b>     | 100% pass 80 mesh   | Complies |
| <b>Loss on Drying</b>    | ≤5.0%   | 4.16%    |
| <b>Ash</b>               | ≤5.0%   | 3.12%    |
| <b>Heavy Metals</b>      | ≤20ppm  | Complies |
| -Pb                      | ≤2ppm   | Complies |
| -As                      | ≤2ppm   | Complies |
| -Cd                      | ≤1ppm   | Complies |
| -Hg                      | ≤0.1ppm   | Complies |
| <b>Total Plate Count</b> | ≤1000cfu/g  | Complies |
| -Yeast & Mold            | ≤100cfu/g   | Complies |
| -E.Coli                  | Negative  | Negative |
| -Salmonella              | Negative  | Negative |
| <b>Conclusion</b>        | Comply with In-house.   |          |
| <b>Storage</b>           | Preserve in tight containers, protected from strong light and high heat. Store in dry cool place. |          |

Analyst:

QC Manager:

QA:

*Benepure—Natural Ingredients Specialist.*

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