




THIS CERTIFIES  
**THUMB BIOENERGY LLC**  
**AS A BQ-9000 PRODUCER**

COMMENCING ON THIS 23RD DAY OF OCTOBER 2014

RE-CERTIFIED 2017 AND EXPIRING THE 23<sup>RD</sup> DAY OF OCTOBER 2020



**NBAC**  
[www.BQ-9000.org](http://www.BQ-9000.org)

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REGISTRATION NUMBER: 1410230011

DATE: 9/21/17