

Name of Laboratory : Laboratory of Quality Assurance Department,  
Chiangmai Beverage Co., Ltd.

Address : 33/1 Moo 5, Superhighway Chiangmai-Lampang Road, Tambon Yangneung,  
Amphoe Sarapee, Changwat Chiang Mai 50140

Accreditation Number : Testing - 0127

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### Scope of Laboratory Accreditation

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Accreditation Number : Testing - 0127

Laboratory Status :  Permanent  Site  Temporary  Mobile

| Item Number | Test Material / Product | Test item / Range of Testing   | Test Method / Technique Used  |
|-------------|-------------------------|--|---|
| 1           | Bottled drinking water  | <p>- pH<br/>6.9 to 8.1</p> <p>- Total hardness<br/>(Calculated as CaCO<sub>3</sub>)<br/>4.2 mg/L to 10.3 mg/L</p> <p>- Conductivity<br/>309 μS/cm to 451 μS/cm</p> | <p>In - house method : C-W-QC-011<br/>based on Standard Methods for<br/>the Examination of Water and<br/>Wastewater, APHA, AWWA &amp; WEF,<br/>23<sup>rd</sup> ed., 2017, part 4500 - H<sup>+</sup> B</p> <p>In - house method : C-W-QC-012<br/>based on Standard Methods for<br/>the Examination of Water and<br/>Wastewater, APHA, AWWA &amp; WEF,<br/>23<sup>rd</sup> ed., 2017, part 2340 C</p> <p>Standard Methods for the Examination<br/>of Water and Wastewater, APHA,<br/>AWWA &amp; WEF, 23<sup>rd</sup> ed., 2017,<br/>part 2510 B</p> |

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|-------------|-------------------------|---|---|
| 2           | Soda water              | <p>- pH<br/>4.9 to 6.2</p> <p>- Total hardness<br/>(Calculated as CaCO<sub>3</sub>)<br/>109 mg/L to 134 mg/L</p> <p>- Conductivity<br/>544 µS/cm to 744 µS/cm</p> | <p>In - house method : C-W-QC-011<br/>based on Standard Methods for<br/>the Examination of Water and<br/>Wastewater, APHA, AWWA &amp; WEF,<br/>23<sup>rd</sup> ed., 2017, part 4500 - H<sup>+</sup> B</p> <p>In - house method : C-W-QC-012<br/>based on Standard Methods for<br/>the Examination of Water and<br/>Wastewater, APHA, AWWA &amp; WEF,<br/>23<sup>rd</sup> ed., 2017, part 2340 C</p> <p>Standard Methods for the Examination<br/>of Water and Wastewater, APHA,<br/>AWWA &amp; WEF, 23<sup>rd</sup> ed., 2017,<br/>part 2510 B</p> |

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|-------------|-------------------------|---|---|
| 3           | Water                   | - pH<br>5.0 to 8.0<br><br>- Total hardness<br>(Calculated as CaCO <sub>3</sub> )<br>2.4 mg/L to 62 mg/L | In - house method : C-W-QC-011<br>based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 4500 - H <sup>+</sup> B<br><br>In - house method : C-W-QC-012<br>based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 2340 C |

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| Item Number  | Test Material / Product | Test item / Range of Testing                       | Test Method / Technique Used  |
|--------------|-------------------------|--|---|
| 3<br>(cont.) | Water                   | - Conductivity<br>105 $\mu$ S/cm to 445 $\mu$ S/cm | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 2510 B |

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