### ARCHITECT SYSTEM ASSAY PARAMETERS (Preliminary*)

<table>
<thead>
<tr>
<th>General Parameters</th>
<th>Serum/Plasma SI Units</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Name:</strong></td>
<td>BHOB</td>
</tr>
<tr>
<td><strong>Assay #:</strong></td>
<td>#</td>
</tr>
<tr>
<td><strong>Assay Type:</strong></td>
<td>Photometric</td>
</tr>
<tr>
<td><strong>Assay Availability:</strong></td>
<td>Enabled</td>
</tr>
</tbody>
</table>

#### Reaction Definition
- **Reaction Mode:** END UP
- **Primary Wavelength:** 500
- **Secondary Wavelength:** -
- **Last Read Required:** 33
- **Absorbance Range:** 0.000-0.000
- **Sample Blank Type:** Self
- **Blank Assay:** -
- **Main Read Time:** 15 – 31
- **Flex Read Time:** -
- **Blank Read Time:** 14 - 16

#### Reagent / Sample
- **Reagent:** BHOB
- **R1 Reagent Volume:** 215
- **R1 Water Volume:** 0
- **R1 Dispense Mode:** Type 0
- **R2 Reagent Volume:** 36
- **R2 Water Volume:** 0
- **R2 Dispense Mode:** Type 0
- **Diluent Dispense Mode:** Type 0
- **Standard Sample Volume:** 6.0
- **1:3 Sample Volume:** 2.0
- **1:10 Sample Volume:** 20.0
- **Diluted Sample Volume:** 6.0
- **Diluent Volume:** 180

#### Validity Checks
- **Reaction Check Type:** None
- **Reaction Time A Range:** -
- **Calculation Limit:** -
- **Read Time B Range:** -
- **Minimum Absorbance:** -
- **Rate Linearity %:** -

#### Calibration Parameters
- **Calibration Method:** Linear
- **Use Cal From:** -
- **Full Interval Hours:** 72
- **Adjustment Type:** None
- **Expected Cal Factor:** 0.00
- **Exp. Cal Factor Tolerance %:** 0
- **Span:** Blank
- **Max. Curve Fit:** 0.00
- **Calibrator Set Name:** BHOB
- **Factor:**
  - **Adjustment Interval Hours:** 0
  - **Default Ordering Type:** Full
  - **Blank Absorbance Range:** 0.0000
  - **Span Absorbance Range:** 0.00 - 0.00
  - **Cal Level (Water) Conc.:** 0
  - **Cal Level (Water) Vol.:** 6.0
  - **Cal Level (BHOB1) Conc.:** 1.00
  - **Cal Level (BHOB1) Vol.:** 6.0

#### Result Parameter
- **Normal Range:** 0.02 – 0.27 mmol/L
- **Result Decimal Places:** 2
- **Correlation Factor:** 1.0000
- **Intercept:** 0.0000

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**Notes**

1. Please refer to the package insert of the β-Hydroxybutyrate LiquiColor® for detailed information about the test on the following:
   - Clinical Relevance
   - Method and Principle
   - Composition and Stability of the Reagents
   - Specimens
   - Calibrators and Controls
   - Performance Characteristics regarding
     - Measuring Range
     - Specificity/Interferences
     - Sensitivity/Limit of Detection
     - Precision (Reproducibility, Repeatability)
     - Method Comparison

2. The stability of the reagent on board the analyser is at least one month provided that contamination and evaporation are avoided.

3. Manufactured by Stanbio Laboratory
   - 1261 North Main Street • Boerne, Texas 78006 USA
   - www.stanbio.com

*Customers should be aware that this protocol has been generated by a user of our assay on an Abbott Architect analyzer and has not been validated by Stanbio Laboratory or the instrument manufacturer.

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