**PRODUCT INSTRUCTIONS**

**Q.E.D.® A150**

**Ethanol Control**

**Intended Use**
OraSure Technologies Q.E.D.® A150 Ethanol Controls are intended to be used as a performance control in the determination of alcohol in saliva.

**Summary and Principle**
The use of quality control materials to monitor assay performance and reliability has been well established.

**Contents**
Catalog Number 31150S: 2 x 5 mL vials
Each vial contains an aqueous solution of ethanol with preservatives.

**Precautions**
For *in vitro* diagnostic use.

**Reagent Preparation and Storage**
OraSure Technologies Q.E.D.® A150 Ethanol Control is ready to use. No additional preparation is required.

Store at room temperature 15-30°C (59-86°F).

Unopened controls are stable until the date printed on the vial label. Replace the cap tightly immediately after use.

---

**EXPECTED RANGE**

<table>
<thead>
<tr>
<th>CONSTITUENT</th>
<th>EXPECTED RANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>0.075 - 0.130%</td>
</tr>
<tr>
<td></td>
<td>75 - 130 mg/dL</td>
</tr>
</tbody>
</table>

**Interpreting Test Results**
The expected range is intended as a guideline to assess assay performance and reliability. Variations in user technique, reagent lot numbers and other systematic and random errors can affect the results you achieve. Contact our Customer Service Department if your control values fall outside the expected range.

**Technical Assistance**
For further information and technical assistance, contact the Customer Service Department 1-800-869-3538.
### Intended Use
OraSure Technologies Q.E.D.® A150 Ethanol Controls are intended to be used as a performance control in the determination of alcohol in saliva.

### Summary and Principle
The use of quality control materials to monitor assay performance and reliability has been well established.

### Contents
Catalog Number 31150S: 2 x 5 mL vials
Each vial contains an aqueous solution of ethanol with preservatives.

### Precautions
For in vitro diagnostic use.

### Reagent Preparation and Storage
OraSure Technologies Q.E.D.® A150 Ethanol Control is ready to use. No additional preparation is required.

Store at room temperature 15-30°C (59-86°F).

Unopened controls are stable until the date printed on the vial label. Replace the cap tightly immediately after use.

### Procedure
OraSure Technologies recommends that you use controls on each new lot of Q.E.D.® tests. Substitute the control for saliva sample. Compare the Q.E.D.® test result to the Expected Range Below:

<table>
<thead>
<tr>
<th>CONSTITUENT</th>
<th>EXPECTED RANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>0.075 - 0.130%</td>
</tr>
</tbody>
</table>

75 - 130 mg/dL

### Interpreting Test Results
The expected range is intended as a guideline to assess assay performance and reliability. Variations in user technique, reagent lot numbers and other systematic and random errors can affect the results you achieve. Contact our Customer Service Department if your control values fall outside the expected range.

### Technical Assistance
For further information and technical assistance, contact the Customer Service Department 1-800-869-3538.