

# VC-100<sup>®</sup> Reference Control

## Assay and Instructional Information



EXP.

2012-05-03

Open-vial stability

1 hour after rehydration



350064-7  
2006-04

	A - 01230290		B - 01230291	
	Mean	± Expected Range	Mean	± Expected Range
VC-100 Buret (Digital Reading)	96	3	494	10

### SUMMARY

The VC-100 reference controls are to be used to confirm proper performance of the VC-100 acid-base titration system, including instrument function and operator technique.

### INTENDED USE

Assess operator technique and reagent system.

### REAGENTS

VC-100 reference controls consist of dried acid in appropriate normalities to test performance of the VC-100 system.

### INSTRUCTIONS FOR USE

1. Dispense 10ml of Titration Solution into vials of reference control A and B.
2. Replace the vial caps and let the solution stand for five minutes.
3. Swirl the vials 20-30 times without splashing the solution onto the cap.
4. The reference controls are then ready to be titrated against the sodium hydroxide using standard VC-100 procedures described in the VC-100 Operations Manual.

### STORAGE AND STABILITY

VC-100 Reference Controls should be stored at room temperature (18° to 30°C). When stored appropriately the controls are stable throughout the expiration date. After hydrating, VC-100 reference control is stable throughout the open-vial stability as indicated on this assay sheet. Any unused reference control solution should be discarded after this time.

### INDICATION OF PRODUCT DETERIORATION

If VC-100 reference controls do not fall within the expected range on this assay sheet:

1. Review operating procedure of the VC-100 instrument.
2. Check the expiration date of all VC-100 reagents.
3. Assay another set of reference controls. If the values are still unacceptable, contact Streck Technical Services at 800-843-0912 or consult Technical Services at [www.streck.com](http://www.streck.com).

### PROCEDURES

Follow the procedures described in the VC-100 Operations Manual.

### PRECAUTIONS

1. For In Vitro Diagnostic Use.
2. Exercise routine cautions to avoid skin and eye contact with the VC-100 reference control acids.
3. This product is intended to be used as recommended. Adulteration by inappropriate dilution or addition of any materials other than a VC-100 titration solution invalidates any diagnostic use of the product.

### EXPECTED RESULTS

The expected range for digital readings on the VC-100 Buret are derived from replicate analyses on properly functioning VC-100 instruments. Assay ranges are determined at room temperature (18° to 30°C). Extreme temperatures above or below this range may result in values outside the expected range by compromising the stability of the product.

### LIMITATIONS

Use of this product without all the intended reagents, including the specified titration cartridges, may result in differences in accuracy. Streck will not assure VC-100 performance unless Streck VC-100 reagents are utilized.

### ORDERING INFORMATION

Please call our Customer Service department toll free at 800-228-6090 for assistance. Additional information or order online at [www.streck.com](http://www.streck.com).