

VC-100[®] Reference Control

Assay and Instructional Information



EXP.

2011-11-16

Open-vial stability

1 hour after rehydration



350064-7
2006-04

	A - 93200290		B - 93200291	
	Mean	± Expected Range	Mean	± Expected Range
VC-100 Buret (Digital Reading)	97	3	497	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.

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.