

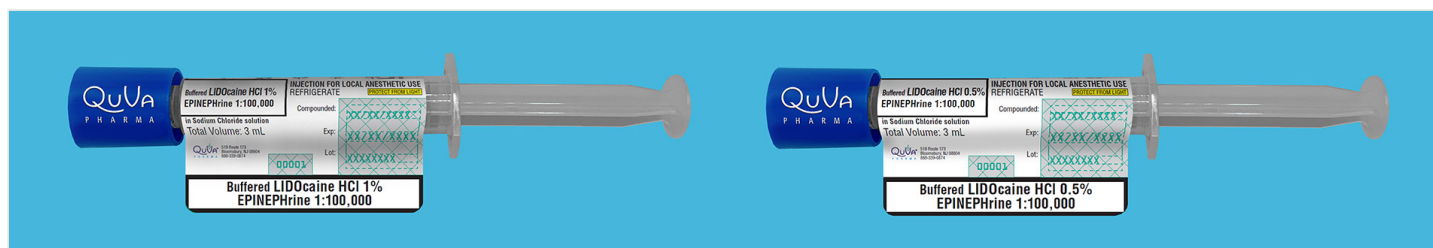


## Take the pain out of making and using local anesthesia!

PRODUCT #	PRODUCT DESCRIPTION		FILL	CASE	BUD
70092166343	Buffered Lidocaine 1%: Epinephrine 30 mcg (1:100,000, 10 mcg/ml) in Sodium Chloride Solution, 3 ml fill, 3 ml Syringe		3 ml	5	45 Days
70092166243	Buffered Lidocaine 0.5%: Epinephrine 30 mcg (1:100,000, 10 mcg/ml) in Sodium Chloride Solution, 3 ml fill, 3 ml Syringe		3 ml	5	45 Days

 Refrigeration required



- Lidocaine and Epinephrine with Sodium Bicarbonate is recommended to decrease the pain of delivery by subcutaneous and intradermal infiltration<sup>1</sup>
- Buffering with Sodium Bicarbonate raises the pH to a more physiologic range and reduces stinging relative to unbuffered formulation<sup>2</sup>
- Ready-to-administer syringe:
  - Eliminates the time and resources used to compound yourself in the hospital pharmacy or clinic area
  - Helps reduce waste and compliance burden brought on from in-house compounding
- QuVa Pharma is an industry-leading 503B sterile outsourcing facility with a proven quality and compliance record

[QuVaPharma.com/lidocaine](https://QuVaPharma.com/lidocaine)



 SCAN ME

<sup>1</sup>Vent, Alexandra et al. Buffered lidocaine 1%/epinephrine 1:100,000 with sodium bicarbonate (sodium hydrogen carbonate) in a 3:1 ratio is less painful than a 9:1 ratio: A double-blind, randomized, placebo-controlled, crossover trial. Journal of the American Academy of Dermatology. 2020; Volume 83, Issue 1, P159-165.

<sup>2</sup>Christoph, Richard. "Pain Reduction in Local Anesthetic Administration Through pH Buffering." Annals of Emergency Medicine. (February 17, 1988): 28-30.

To place an order, visit [Portal.QuVaPharma.com](https://Portal.QuVaPharma.com). For questions about this product, please speak to your Sales Account Manager or contact Customer Service at 888.339.0874 or [Customer.Service@QuVaPharma.com](mailto:Customer.Service@QuVaPharma.com).

# Partner with QuVa Pharma to gain resiliency and reliability for your sterile injectable drug supply

To become a new customer, set up a profile at [quvapharma.com/customerprofile](https://quvapharma.com/customerprofile)

## Scale & Capacity to Deliver

- ✓ Sophisticated 503B cGMP quality management system
- ✓ Proven FDA compliance record
- ✓ Expansive capacity across four, state-of-the-art facilities spanning 300,000 sq ft
- ✓ Licensed to ship in ALL 50 states

## Full-Service 503B Capabilities

- ✓ Full Sterile-to-Sterile portfolio
- ✓ Supply during shortages for reliability and resiliency
- ✓ Extended Beyond Use Dates (BUD)
- ✓ Kit Check® RFID tagged products available
- ✓ Complimentary **Pharmacy Solutions Consulting** services

## Extensive Portfolio

### Broad Sterile Product Portfolio



Syringes



IV Bags



CADD®



PCA Vials



Monoject Syringes



Bulk Bags



L.E.T. Topical Syringes

## Therapeutic Classes

- ✓ Anti-Infective
- ✓ Anesthesia & OR
- ✓ Cardiovascular
- ✓ General Medicine
- ✓ Labor & Delivery
- ✓ Pain Management

## Product Types

- ✓ Antibiotics
- ✓ Anticoagulants
- ✓ Cardioplegia
- ✓ Electrolytes
- ✓ Epidural
- ✓ Local Anesthetics
- ✓ Opioid Analgesics
- ✓ Sedatives
- ✓ Vasopressors

We invite you to view our comprehensive product portfolio and request a full product catalog at [www.QuVaPharma.com/products](https://www.QuVaPharma.com/products).

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