



ULTRAMOX™ COMPOUNDED WATER-SOLUBLE AMOXICILLIN

Designed specifically for swine, the Veterinary Pharmaceutical Solutions (VPS)-patented formulation of Amoxicillin was launched in 1997. Amoxicillin Red followed in 2009 and UltrAmox, the newest patent-pending formulation, was developed in 2024 for its higher potency over time. Over two billion pigs have been treated with our prescription amoxicillin formulations.



- **Available sizes:** 37.5–300 grams
- **Common prescription dosage:** Up to 120 grams per gallon of stock solution
- **Miscibility:** Meloxicam, Ibuprofen, Sodium Salicylate, Blue Lite, Aspirin
- **Do not mix with:** Acids or bleach
- **Withdrawal period:** 15 days
- **Stability:** Highest stability product on the market with over 90% potency at 24 hours in multiple internal studies

Have questions? Contact us at:
877-931-8707 • Pharmacy@VetPharmSol.com
VeterinaryPharmaceuticalSolutions.com

ADMINISTERING COMPOUNDED ULTRAMOX



Scan the QR code for an instructional demonstration.



BEST PRACTICES¹⁻⁴

- Mix fresh solution daily with cold water
- Use a dark pail with a lid to protect from light degradation
- Calculate dosage based on water intake
- Chlorine and other cleaning agents can impact UltrAmox
- Heat, light and time will increase the rate of degradation of most antibiotics in stock solution
- All pharmaceutical products lose potency in solution over time
- Use caution when mixing multiple products in the stock solution

MISCIBILITY RESULTS WITH OTHER PRODUCTS

	Meloxicam	Ibuprofen	Sodium Salicylate	Blue Lite	Aspirin
UltrAmox Miscibility	+	+	+	+	+

+ Full miscibility with UltrAmox.
 + Aspirin is not stable in water.

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¹ Akers MJ. Formulation and Stability of Solutions. *Int J Pharm Compd.* 2016 Jan-Feb;20(1):41-5.
² Gikonyo D, Gikonyo A, Luvayo D, Ponoth P. Drug expiry debate: the myth and the reality. *Afr Health Sci.* 2019;19(3):2737-2739.
³ Binson G, Grignon C, Le Moal G, et al. Overcoming stability challenges during continuous intravenous administration of high-dose amoxicillin using portable elastomeric pumps. *PLoS One.* 2019;14(8):e0221391.
⁴ Xuexiang He, Stephen P. Mezyk, Irene Michael, Despo Fatta-Kassinos, Dionysios D. Dionysiou. Degradation kinetics and mechanism of β -lactam antibiotics by the activation of H_2O_2 and $Na_2S_2O_8$ under UV-254nm irradiation. *Journal of Hazardous Materials.* 2014;279:375-383.

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