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# Novobiocin Sodium Intramammary Infusion

» Novobiocin Sodium Intramammary Infusion is a suspension of Novobiocin Sodium in a suitable vegetable oil vehicle. It contains suitable preservative and suspending agents. It contains the equivalent of not less than 90.0 percent and not more than 125.0 percent of the labeled amount of novobiocin ( $C_{31}H_{36}N_2O_{11}$ ).

**Packaging and storage**—Preserve in disposable syringes that are well-closed containers.

**Labeling**—Label it to indicate that it is for veterinary use only.

**USP REFERENCE STANDARDS (11)**.—

[USP Novobiocin RS](#)

**WATER DETERMINATION, Method I (921)**: not more than 1.0%, 20 mL of a mixture of toluene and methanol (7:3) being used in place of methanol in the titration vessel.

**Assay**—Proceed as directed for novobiocin under [Antibiotics—Microbial Assays \(81\)](#), expelling the contents of a syringe of Intramammary Infusion into a high-speed blender jar containing 1.0 mL of polysorbate 80 and 499.0 mL of *Buffer B.3*, and blend for 3 to 5 minutes. Allow to stand for 10 minutes, and dilute quantitatively and stepwise with *Buffer B.6* to obtain a *Test Dilution* having a concentration of novobiocin assumed to be equal to the median dose level of the Standard.

**Auxiliary Information** - Please [check for your question in the FAQs](#) before contacting USP.

Topic/Question	Contact	Expert Committee
NOVOBIOCIN SODIUM INTRAMAMMARY INFUSION	<a href="#">Ying Han</a> Associate Science & Standards Liaison	BIO42020 Biologics Monographs 4 - Antibiotics
REFERENCE STANDARD SUPPORT	RS Technical Services <a href="mailto:RSTECH@usp.org">RSTECH@usp.org</a>	BIO42020 Biologics Monographs 4 - Antibiotics

**Chromatographic Database Information:** [Chromatographic Database](#)

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