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-CERTIFICATE OF ANALYSIS-

Product:	Atosiban
Code No:	BITH3004
CAS No:	90779-69-4
Batch No:	AS451749
Description:	<p>Atosiban also called ADH (Anti-Diuretic Hormone) has a molecular formula of $C_{43}H_{67}N_{11}O_{12}S_2$, C[Mpr-D-Tyr(OEt)-Ile-Thr-Asn-Cys]-Pro-Orn-Gly-NH₂ having a Mw of 994.2 Dalton is the first oxytocin antagonist to be specifically developed for the treatment of preterm labour. Atosiban has a specific mode of action, inhibiting oxytocin-induced uterine contractions by blocking oxytocin receptors in the uterus. Extensive clinical investigations have shown Atosiban to be at least as effective as current tocolytic agents. In addition, due to its novel and specific mode of action, Atosiban has a markedly improved maternal side effects profile compared with conventional therapies.</p>
Appearance:	Sterile Filtered White lyophilized (freeze-dried) powder.
Formulation:	The Atosiban peptide was lyophilized with no additives.
Solubility:	It is recommended to reconstitute the lyophilized Atosiban in sterile 18M Ω -cm H ₂ O not less than 100 μ g/ml, which can then be further diluted to other aqueous solutions.
Stability:	Lyophilized Atosiban although stable at room temperature for 3 weeks, should be stored desiccated below -18°C (is stable for up to 12 months at this temperature). Upon reconstitution Atosiban should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Purity:	99.2% by HPLC

Verified by: David Parton

Signed:

Date: 03rd July 2014