




Certificate of Origin

Date	22-September-2010
Product Name	Cell Therapy Systems Recombinant Human IL-6
Catalog Number	CTP0061, CTP0063
Lot Number	Information applies to all lots produced.
Manufacturing Information	Manufactured under ISO 13485 Quality Standard
Manufacturing Site	Invitrogen, Camarillo, California, USA
Raw Material Information	Recombinant human IL-6 is produced in E. coli and purified via sequential chromatography. The product contains no materials directly of animal origin. The product does utilize animal derived components in the manufacturing process.
Animal Derived Components:	The fermentation feed contains tryptone derived from bovine milk of US or Australia origin. The fermentation media is sterilized at 122.5°C for 45 minutes, 15 psi. IL-6 is purified by immobilized metal affinity chromatography (non-animal). The leader sequence is cleaved by thrombin derived from human plasma. The serum is certified to be negative for HBsAg and for Antibodies to HIV and HCV. The final purification step is by Reverse Phase Chromatography.

This document was prepared by:



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