

Code No.09-0648

SPECIFICATION

Insulin, Human, recombinant, Animal-derived-free
for Cell Culture

REQUIREMENT	SPECIFICATION
Appearance	White ~ nearly white, crystals ~ powder
Solubility in dil.hydrochloric acid	to pass test
Loss on drying at 105°C	max.10.0%
Bacterial endotoxins	under investigation
Zinc (Zn) (after drying)	0.3~0.6%
Total nitrogen (N) (calculated on the dried basis)	under investigation
Mass spectrometry (MALDI-TOF)	to pass test
Potency (calculated on the dried basis)	min.27.5units/mg

Source:Saccharomyces cerevisiae expressed human insulin