



GEMINI
BIO-PRODUCTS

Certificate of Analysis

Created October 31, 2019

Product: **Bovine Insulin**
γ-irradiated
Powder

Catalog #: 700-912P
Lot #: C22J14K
Origin: China

Manufacture Date: Jun 2019
Expiration Date: Jun 2021

TEST	METHODOLOGY	SPECIFICATION	RESULTS
Biochemical Testing			
Potency (on dry basis)	HPLC		27.20 units/mg
Loss on drying		≤10%	6.09%
Endotoxin			≤10 EU/mg
Microbiological Testing			
Viral testing	Full 9CFR Viral	Not Detected	Not Detected

For Cell Culture, further Manufacturing and Research use only. Not for direct Therapeutic use.

[Signature] 31 OCT 2019

Created by/ date

[Signature] 31 OCT 2019

Verified by/ date