

Specification Sheet

Product Name: **Vaccinia Capping Enzyme**
Specifications & Purity: **GMP Grade**
SKU #: **V406454**

Parameter	Limit Values
Purity(HPLC area)	95-100 (%)
Enzyme Activitiy (Cap modification and efficiency measurement)	10000-10500 (IU/ml OR u/ml)
Exo DNA Residue(realtime fluorescence quantitative PCR,RTFQ PCR)	≤100 (µg/kg OR ng/g)
Host Protein Residue	≤50 (ppm)
Mycoplasma Detection(Mycoplasma detection kit)	Negative
Heavy metal residue	≤10 (ppm)
Endonuclease Residue(10U and 004-DNA,37°C,6h)	≤10 (%)
Exonuclease Residue(10U and 019HindIII DNA,37°C,6h)	≤10 (%)
Rnase Residue(10U and 293-RNA,37°C,6h)	≤10 (%)
Endotoxin Content Of Aspergillus	≤5 (EU/ml)