

Certificate of Analysis

Product Name:	Recombinant Lactoferrin human
Product Number:	L10065
Lot Number:	C22PC755B
CAS:	112163-33-4
Formula:	C27H47N7O6
Molecular Weight:	≈80kD
Storage at:	2-8℃
Quality Release Date:	2022-10-20
Recommended retested date:	2027-10-20

Test	Specification	Result
Appearance	Pinkish crystalline Powder	Pinkish crystalline Powder
Protein content	≥90%	97.7%
Purity(SEC-HPLC)	≥95%	99.2%
Purity(SDS-PAGE)	≥95%	97%
Western blotting	Positive	Conforms
Loss on drying	≤5.0%	0.8%
pH	5.2 - 7.2	6.1
Iron	≤35mg/100g	20mg/100g
Peptide mapping	Consistent with reference substance	Conforms
Molecular weight	78.1kD±7.8kD	84.9kD



