

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2023-05-31 11:39:05
Date of Next Testing:	2025-05-30 11:39:05
Product Name:	MCF7 Whole Cell Lysate
SKU #:	cl155899
Lot #:	ZJ23F0500181
Source:	
Specifications & Purity:	200µg, Mycoplasma free
Concentration:	
Formulation:	Lyophilized
Reconstitution:	Recommended reconstitute at 1-2 mg/mL in ddH2O. Use at an assay dependent concentration. Ready to load on SDS-PAGE for Western blotting, 20 µg per lane is recommended for mini gel. Lyophilized contents may appear as either a translucent film or a white power. This variance does not affect the quality of the product. Lyophilized contents may appear as either a translucent film or a white powder. This variance does not affect the quality of the product.
Storage Conditions:	Store at -80°C
Analysis:	000456

Parameter	Limit Value	Result
β-Actin Molecular Weight	37.8-46.2(kD)	38.80000 kD
PCNA Molecular Weight	29.7-36.3(kD)	30.10000 kD
HSP60 Molecular Weight	56.7-69.3(kD)	57.40000 kD
Ratio-Top/(Top+Bottom)×100%	50-100(%)	52.70000 %
Appearance(cl155899)	White to off-white powder	White to off-white powder
β-Actin (Band%>90%; Lane%>80%)	Conform	Conform
PCNA (Band%>90%; Lane%>80%)	Conform	Conform
HSP60 (Band%>90%; Lane%>80%)	Conform	Conform



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 Sophia Cheng  
 Quality Assurance