CERTIFICATE OF ANALYSIS

Version 3.7
revised on January 16, 2026

Aldolase

PRODUCT NAME:	Aldolase
PRODUCT NUMBERS:	E-ALD01
LOT NUMBER:	912.1B
EXPIRATION DATE:	June 3, 2028
ASSAY DATE:	January 7, 2026
SOURCE:	Recombinant *E. Coli* K1 clone
FORMULATION:	20 mM tris-HCl, pH 7.5, filter sterilized
STORAGE:	4°C (Do not freeze)

ACTIVITY:	Activity[1]	120 U/ml	(Specification: ≥ 95 U/ml)
	Specific Activity[2]	15.6 U/mg	(Specification: ≥ 14x`1 U/mg)

CONTAMINATING ACTIVITY ASSAYS:

Protease Assay[3]	Passed	(Specification “Passed”)

1. Defined as the amount of enzyme required to produce 1 μmole of methylumbelliferone in 1 minute at 37˚C, pH 5.0 from MU-NANA [2′-(4-methylumbelliferyl)-alpha-D-N-acetylneuraminic acid]..
2. Protein concentration determined by Bradford method, using BSA as a standard.
3. For the protease assay, 10 μg of denatured BSA is incubated at 37°C for 24 hr with 2 ul of enzyme. SDS-PAGE analysis of the treated BSA shows no evidence of degradation.

Michael Gibson

President - QA-Bio Inc
Authorized by Mike Gibson
January 16, 2026

QA-Bio
www.QA-Bio.com
info@QA-Bio.com

phone (Asia) +65 3158 9855
phone (Europe) +48 22 104 0892
phone (USA) +1 760 249 2664