



# Certificate of Analysis

**Product Name:** MOPS, Ultra Pure  
**Cat #:** M-790  
**CAS #:** 1132-61-2  
**Lot #:** Lot Specific  
**Retest Date<sup>†</sup>:** Lot Specific  
**Storage:** Store desiccated at room temperature.

Test	Specs	Results
Appearance	White Powder	Complies
pH (1% in H <sub>2</sub> O)	3.6-4.4	Complies
Heavy Metals (as Pb)	≤5 ppm	Complies
IR	Conforms to known standard	Complies
Moisture	≤1.0%	Complies
pKa (25°C)	7.0-7.4	Complies
Solubility (33% in H <sub>2</sub> O)	Clear and Complete	Complies
UV Absorbance (0.1M solution, 260 nm)	≤0.05	Complies
UV Absorbance (0.1M solution, 280 nm)	≤0.03	Complies
Assay (on Dried Basis)	≥99.5%	Complies

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† If provided, the Certificate of Analysis (COA) retest date corresponds to the recommended storage conditions provided on the COA. If no retest date is shown, the shelf-life for products is 2 years after purchase when stored according to COA recommendations. Retest dates are not rigid, and often only serve an informational purpose. COA retest dates are supplied by the manufacturer; however, GoldBio product labels may contain different storage recommendations to extend the life of the product beyond the manufacturer retest date or 2 years from purchase.

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