

Certificate of Analysis

Product Name: Meropenem
Cat #: M-820
CAS #: 119478-56-7
Lot #: Lot Specific
Retest Date[†]: Lot Specific
Storage: Store desiccated at -20°C.

Test	Specs	Results
Color	White to light yellow	Complies
Form	Crystalline powder	Complies
Color of Solution (5% in sodium hydrogen carbonate solution (50g/L))	colorless to light yellow	Complies
Turbidity (0.5% in sodium hydrogen carbonate solution (50g/L))	≤4.0 NTU	Complies
Water Content (K. Fischer)	11.4-13.4%	Complies
pH-Value (1% in water)	4.0 to 6.0	Complies
Specific Optical Rotation [alpha]D (c = 0.5 in water, 20°C, calculated on dry matter)	-21.0 to -17.0	Complies
Assay (on Dried Basis)	≥98.0 area-%	Complies
FT-IR Spectrum	corresponds to reference spectrum	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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