

## Certificate of Analysis

**Product Description:** Dimethyl Sulfoxide, cell culture reagent  
**Catalog Number:** 196055  
**Lot:** YC0907

**Formula:** C<sub>2</sub>H<sub>6</sub>OS

**CAS #:** 67-68-5

**Physical Description:** : Clear, Colorless Liquid

**Formula Weight:** 78.1

**Storage:** desiccate 15 - 30°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥99%	99.99%

Crystalizing Point: >18.30°C

Acid Value: 0.005 mg KOH/g

Transmittance (400nm): >99.0%

Refractive Index (20°C): 1.4790

Color (APHA): <5

Water Content: <0.01%

Reducing Substances (as CH<sub>2</sub>O): 0.005%

Specific Gravity (25°C): 1.098 g/cm<sup>3</sup>

pH: 7.1

Na: <1 ug/kg

Fe: <1 ug/kg

Ca: <1 ug/kg

Recommended Retest Date (MM/DD/YYYY): 09/18/2025



09/27/2022 - Lily Liu  
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