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## Certificate of Analysis

**Product Description:** Eosin Y  
**Catalog Number:** 157922  
**Lot:** SR02351**Formula:** C<sub>20</sub>H<sub>8</sub>Br<sub>4</sub>O<sub>5</sub>  
**CAS #:** 15086-94-9  
**Physical Description:** Orange Powder**Formula Weight:** 647.90  
**Storage:** 15 - 30°C

Test	Specification	Result
Identity Test	Passes	Passes

Dye Content: 96.44%

Absortivity (1%/1cm at Lamda 517.4 nm): 1485.17

Loss on Drying: 0.28%

Water Insoluble Matter: ≤0.5%

Solubility (0.1% MeOH): Clear orange-yellow solution with fluorescence

Solubility (1% H<sub>2</sub>O + Liq NH<sub>3</sub>): Bright red clear solution

Recommened Retest Date (MM/DD/YYYY): 02/12/2025

02/13/2020 - John Huang, PhD  
MP Biomedicals, LLC.  
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