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## Certificate of Analysis

**Product Description:** Primulin\_  
**Catalog Number:** 195454\_  
**Lot:** QR15433\_

**Formula:** C<sub>21</sub>H<sub>14</sub>N<sub>3</sub>O<sub>3</sub>S<sub>3</sub>Na  
**CAS #:** 8064-60-6  
**Physical Description:** Yellow to Golden Tan Powder

**Formula Weight:** 475.50  
**Storage:** 15 - 30°C

Test	Specification	Result
Identity Test	Passes	Passes
UV/Vis: □ max (water)	340 - 355 nm	350.3 nm

Dye content: >75%  
Solubility: Clear to very slightly hazy yellow to yellow-green solution  
Recommended Retest Date: 10/08/2021

04/12/2018 - John Huang, PhD  
MP Biomedicals, LLC.  
Quality Control Manager

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