

**MP Biomedicals, LLC**29525 Fountain Parkway  
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## Certificate of Analysis

**Product Description:** Brilliant Black BN  
**Catalog Number:** 152633  
**Lot:** QR15908**Formula:** C<sub>28</sub>H<sub>17</sub>N<sub>5</sub>O<sub>14</sub>S<sub>4</sub>Na<sub>4</sub>**CAS #:** 2519-30-4**Physical Description:** Black Powder**Formula Weight:** 867.69**Storage:** 15 - 30°C

| Test                          | Specification  | Result    |
|-------------------------------|----------------|-----------|
| Identity Test                 | Passes         | Passes    |
| UV/VIS: $\lambda$ max (water) | 575 $\pm$ 5 nm | 572.85 nm |

Dye Content: 81.00%

Water Insoluble Matter: 0.133%

Unsolfonated Aromatic Amines: 0.005%

Lead: 2.2 mg/kg

Mercury: 0.004 mg/kg

Heavy Metals: 8.97 mg/kg

Sum of Volatile Matter @ 135°C &amp; Chloride &amp; Sulfate (as sodium salt) by mass: 15.00%

Recommended Retest Date: 06/12/2021



08/14/2018 - John Huang, PhD

MP Biomedicals, LLC.

Quality Control Manager

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