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Certificate of Analysis

Product Description: Basic Fuchsin Hydrochloride, C.I.# 42500
Catalog Number: 150423
Lot: SR04635

Formula: C₁₉H₁₇N₃·HCl
CAS #: 569-61-9
Physical Description: Green Crystalline Powder

Formula Weight: 323.83
Storage: 15 - 30°C

| Test | Specification | Result |
|-----------------------------|---------------|-----------|
| Identity Test | Passes | Passes |
| UV/Vis: λ max (50% ethanol) | 544 - 550 nm | 546.02 nm |

Dye Content: 99%
Melting Point: 268 - 269°C
Water Insolubles: 0.1%
Density at Peak: 0.919
Solubility 0.1% (50% EtOH): Clear Red Solution
Loss on Drying: 1.00%
Recommended Retest Date (MM/DD/YYYY): 09/28/2024



10/01/2021 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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