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Certificate of Analysis

Product Description: Proflavine Hydrochloride
Catalog Number: 103600
Lot: Q7360

Formula: C₁₃H₁₁N₃·HCl
CAS #: 952-23-8
Physical Description: Red Brown Fine Powder

Formula Weight: 245.70
Storage: 15 - 30°C

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Standard	Conforms to Standard
UV/VIS: λ max (MeOH)	456 \pm 5 nm	456.2 nm

Assay: 102%
Solubility: Passes Test
Residue on Ignition: 1.5%
pH of Saturated Solution: 6.9
Loss on Drying (105°C for 1 Hour): 3.7%
Recommended Retest Date: 02/28/2021



09/01/2017 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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