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Certificate of Analysis

Product Description: Reactive Red 4
Catalog Number: 152017
Lot: S7190**Formula:** C₃₂H₁₉ClN₈O₁₄S₄Na₄
CAS #: 17681-50-4
Physical Description: Dark Purple to Purplish Red Powder**Formula Weight:** 995.23
Storage: 15 - 30°C

Test	Specification	Result
Identity Test	Passes	Passes
UV/Vis: λ max (water)	282 \pm 2 nm	280.9 nm

Solubility (0.1% aq soln): Clear red solution

Extinction Coefficient: 62600

Dye Content: 88.2%

Recommended Retest Date (MM/DD/YYYY): 06/26/2027

10/05/2021 - John Huang, PhD
MP Biomedicals, LLC.
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