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Certificate of Analysis

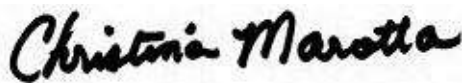
Product Description: 3-(4,5-Dimethylthiazolyl-2)-2,5-diphenyl Tetrazolium Bromide
Catalog Number: 102227
Lot: M4877

Formula: C₁₈H₁₆N₅SBr
CAS #: 298-93-1
Physical Description: Fine Bright Yellow Powder

Formula Weight: 414.32
Storage: +4°C, protect from light

Test	Specification	Results
Identity Test	Passes	Passes
Purity	~98%	99.80%
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	189 - 199°C	190.2°C
UV/Vis: λ max (methanol)	376 \pm 2 nm; 242 \pm 2 nm	375, 242 nm

Specific Extention (in water): 243 nm
Solubility(mg/ml, H₂O): Clear Yellow Solution



09/13/2012 - Christina Marotta
MP Biomedicals, LLC.
Technical Director

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