

Certificate of Analysis

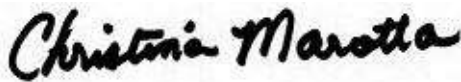
Product Description: X-Gal
Catalog Number: 4063102; 4063112
Lot: MR30086

Formula: C₁₄H₁₅BrClNO₆
CAS #: 7240-90-6
Physical Description: White Powder

Formula Weight: 408.64
Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Standard	Conforms to Standard

Assay (HPLC): 99.7%
Water (KF): 0.1%
Optical Rotation (c=1, DMF:H₂O 1:1): -62.0°
Purity (TLC): 99%
Solubility (2% in DMSO): Clear and Colorless Solution
1H-NMR: Conforming to Structure



01/30/2013 - Christina Marotta
MP Biomedicals, LLC.
Technical Director

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<mailto:biotech@mpbio.com>
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