

Certificate of Analysis

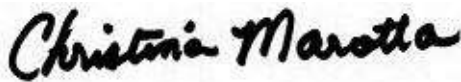
Product Description: X-Gal
Catalog Number: 4063102; 4063112
Lot: MR31105

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

Formula Weight: 408.64
Storage: -20°C, desiccate, protect from light

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

Assay (HPLC): 99.2%
Water (KF): 0.3%
Optical rotation (c=1, DMF;H₂O =1:1): -61.6°
Purity (TLC): 99%
Solubility: Clear, colorless
1H-NMR: Conforming to structure



02/04/2014 - Christina Marotta
MP Biomedicals, LLC.
Technical Director

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