

Certificate of Analysis

PRODUCT: **X-GAL and IPTG Ready to Use Solution
Non-Toxic Solution**

X-Gal, 5-Bromo-4-chloro-3-indolyl- β -D-galactoside

IPTG, Isopropyl- β -D-thio-galactopyranoside

X-Gal: C₁₄H₁₅BrClNO₆, M.W. 408.6, CAS: [7240-90-6]

IPTG: C₉H₁₈O₅S, M.W. 238.3, CAS: [367-93-1]

PRODUCT NUMBER: G-2570

LOT NUMBER: L1092

APPEARANCE: Clear yellow solution.

STERILITY: Passed

X-GAL (Concentration): 10 mg/ml

IPTG (Concentration): 8 mg/ml

DESCRIPTION: Stable solution of X-GAL and IPTG. Does not contain DMSO or DMF.

STORAGE & HANDLING: **Store desiccated at +4°C. PROTECT FROM LIGHT!**

CAUTION: For laboratory research & scientific manufacturing use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: *ev*