

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: $C_{14}H_{15}BrClNO_6$, M.W. 408.6, CAS: [7240-90-6] IPTG: $C_9H_{18}O_5S$, M.W. 238.3, CAS: [367-93-1] |
| PRODUCT NUMBER: | G-2570 |
| LOT NUMBER: | J1291 |
| 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: **KLS**