

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2026-08-14 16:39:23
Date of Next Testing:	2028-08-13 16:39:23
Product Name:	IPTG Solution (100 mg/mL, Sterile-Filtered)
CAS Number:	367-93-1
Specifications & Purity:	BioReagent, for microscopy, Sterile-Filtered, ≥99%, 100 mg/mL in water
Lot #:	ZJ26F0838372
SKU #	I1524602
Version:	1
Analysis #:	039418

Parameter	Limit Value	Result
Blue-White Colony Screening Test, Calculate The Ratio of Dark Blue Colonies to Total Colonies	96-100(%)	99.50000 %
Toxicity Test, Determine IPTG-induced growth inhibition of BL21(DE3) strain	5-10(%)	8.70000 %
Appearance(I1524602)	Clear Solution	Clear solution
Raw Material Purity ≥99.0%	Conform	Conform
Material Consistency	Conform	Conform
Clarity after Powder Dissolution	Fully Dissolved	Fully Dissolved
Bacterial Growth status within 48 hours	No Bacterial Growth	No Bacterial Growth
Fungal Growth status within 96 hours	No Fungal Growth	No Fungal Growth
Sterility test	Negative	Negative
Seal Integrity Testing	Conform	Conform



Sophia Cheng
Quality Assurance