



ISO 9001 CERTIFIED  
ISO 13485 CERTIFIED

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## CERTIFICATE OF ANALYSIS

### Phenol:Chloroform Mixture

**Code:** 0883  
**Batch Number:** 3627C351

Chemical Formula:	Not Applicable	Manufacture Date:	12/14/2016
Molecular Weight:	Not applicable	Reassay Date:	12/31/2018
CAS #:	Not Applicable		
Appearance:	Colorless, 2-layer liquid	Storage:	Cold
		Grade:	BIOTECHNOLOGY GRADE
		Additional Product Description:	A 25:24:1 mixture of Phenol, Chloroform, and Isoamyl Alcohol

TEST	SPECIFICATION	ANALYSIS	DISPOSITION
Appearance	PASS / Fail	PASS	PASS
DNase	NONE / Fail	NONE	PASS
Identification	PASS / Fail	PASS	PASS
O.D.@ 330nm	<= 0.2	0.0445	PASS
O.D.@ 405nm	<= 0.1	0.0064	PASS
O.D.@ 510nm	<= 0.1	0.0028	PASS
pH @25C	6.5 - 6.9	6.7	PASS
Protease	NONE / Fail	NONE	PASS
Purity	>= 99.0 %	100.0 %	PASS
RNase	NONE / Fail	NONE	PASS

Spec Set: 0883BIO

Analysis may have been rounded to significant digits in specification limits.

Product meets analytical specifications of the grades listed.

Internal ID #: 458

**Signature:** Leona Edwardson  
**Title:** Quality Control Sr. Manager

**Date Printed:** 06/02/2017

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