ID VERIFIED

CERTIFICATE of ACHIEVEMENT

edX MITx

J. C. Love

J. Christopher Love

Associate Professor, Department of Chemical Engineering
Massachusetts Institute of Technology

A. J. S.

Anthony J. Sinskey

Professor, Department of Biology
Massachusetts Institute of Technology

Stacy L. Springs

Director, Biomanufacturing Program
Center for Biomedical Innovation
Massachusetts Institute of Technology

PW Bar

Paul W. Barone

Assistant Director for Programs,
Center for Biomedical Innovation
Massachusetts Institute of Technology

Sanjay Sarma

Dean of Digital Learning
Massachusetts Institute of Technology

This is to certify that

Sean Tully

successfully completed and received a passing grade in

10.03x: Making Biologic Medicines for Patients: The Principles of Biopharmaceutical Manufacturing

a course of study offered by MITx, an online learning initiative of The Massachusetts Institute of Technology through edX.

VERIFIED CERTIFICATE
Issued September 07, 2015

Verify the authenticity of this certificate at
https://verify.edx.org/cert/118ea1418799428fabe26ef63b0d02cc