

Brian Shaw
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Objective

An employment opportunity in a scientific field.

Education

San Jose State University, Biology (BA), Minor in Chemistry, San Jose, CA

Spring 2009 - Spring 2012

Experience

Welder/Fabricator

J.F. Duncan Duray, March 2006 - July 2007

- Fitment and alterations of industrial kitchen equipment
- On-site repair of mechanical equipment

Operator

Action Concrete Pumping, September 2007 - July 2008

- Operation and maintenance of equipment
- Billing/scheduling

Lab Technician

King Estate Winery, August 2012 – January 2013

- Pre-fermentation fruit analysis, brix, pH, TA and ammonia
- Monitor fermentation and perform chemical additions
- Post fermentation testing to include alcohol content, blending analysis, color analysis
- Finished wine analysis such as NOPA, amino, residual sugar content, turbidity, pH, VA, TA, absorbance, free and total SO₂ content, Glu/Fru, heat and cold stability, Malic, as well as tests for microbial activity.
- Maintenance of Tanknet/Vinquiry as well as our winery wide database
- Maintenance of laboratory equipment, inventory and ordering

Manufacturing Associate

Sarepta Therapeutics, March 2013 - Current

- Perform scale up from R&D to 2.5-3.5kg scale for technical transfer
- Create master batch records and associated SOP's to GMP/GLP standards
- Perform organic synthesis to support departments within the company as well as clinical trials and government projects
- Synthesis of impurities for characterization as per FDA regulations
- Interpretation of analysis to determine material viability, such as NMR, HPLC, GC, KF, IR, UV, SAC, etc.

References available upon request.