

Elizabeth Otteson

Chemist

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SUMMARY

A **chemistry professional with over three years of compendia experience**, Elizabeth Otteson is currently enrolled in a Master of Science in Project Management program. Her background and degree combination makes her a **great interface between technical staff and project managers**, helping her bring a company's operations into line with its strategic objectives. Elizabeth is **experienced in the application of Good Manufacturing Principles (GMP) guidelines** and in **applying consistent standards to increase productivity**. Her technical skills include various **wet chemistry methods, Total Organic Carbon, Bulk/Tapped Density, Karl Fisher, Optical Rotation, Viscosity, and Particulate Matter, UV and visible spectroscopy, and FTIR spectroscopy**.

EDUCATION

M.S., Project Management, University of Wisconsin–Platteville, Expected 2013

B.S., Chemistry, University of Wisconsin–Eau Claire, 2008

CURRENT DUTIES

- Execution of materials chemical analysis per client requirements
- Data interpretation and cause analysis of material failures

PROFESSIONAL EXPERIENCE

2011–present: **Chemist**, Schmitt Technical Services, Cross Plains, WI

2011: **Scientist**, Raw Materials and Compendial Testing Department, Pharmaceutical Product Development Inc., Middleton, WI

2009–2011: **Associate scientist**, Raw Materials and Compendial Testing Department, Pharmaceutical Product Development Inc., Middleton, WI

2008–2009: **Assistant scientist**, Physical Testing Department, Pharmaceutical Product Development Inc., Middleton, WI

ACCOMPLISHMENTS, TRAINING, AND SKILLS

Pharmaceutical Product Development, Inc.

- Manage multiple projects for multiple clients concurrently, including an FTE contact with three sites.
- Compendial analysis per USP, EP and JP (i.e. Heavy Metals, Water Activity, Lead, Capillarity Viscosity, Sulfite, ROI, total ash, etc.)
- Interpretation and evaluation of technical/regulatory documentation and guidelines including cGMP, ICH guidelines and Compendial testing (USP, EP, JP).
- Responsible for the completion of certificates of analysis and analysis reports for Compendial projects
- Provide assistance and mentorship to colleagues performing Compendial testing.
- Karl Fischer (both coulometric and volumetric), TGA, FTIR, optical rotation, particulate matter analysis, TOC, Viscosity, and Tapped/Bulk Density

Shimadzu Scientific Instruments

- TOC-V Series Combustion Workshop
- TOC - Self Sufficiency w/TOC-V Series Combustion Units