

Detailed Licensing

Overview

Title: Quantitative NMR (Larive and Korir)

Webpages: 51

Applicable Restrictions: Noncommercial

All licenses found:

- [CC BY-NC-SA 2.5](#): 80.4% (41 pages)
- [Undeclared](#): 19.6% (10 pages)

By Page

- [Quantitative NMR \(Larive and Korir\) - CC BY-NC-SA 2.5](#)
 - [Front Matter - Undeclared](#)
 - [TitlePage - Undeclared](#)
 - [InfoPage - Undeclared](#)
 - [About this Book - Undeclared](#)
 - [Table of Contents - Undeclared](#)
 - [Licensing - Undeclared](#)
 - [1: Basic NMR Theory - CC BY-NC-SA 2.5](#)
 - [1.1: What is spin? - CC BY-NC-SA 2.5](#)
 - [1.2: How does absorption of energy generate an NMR spectrum? - CC BY-NC-SA 2.5](#)
 - [1.3: How does the population difference in NMR compare to the difference between electronic ground and excited states? - CC BY-NC-SA 2.5](#)
 - [1.4: What is chemical shift and how does it relate to resonance frequency? - CC BY-NC-SA 2.5](#)
 - [1.5: What is Precession? - CC BY-NC-SA 2.5](#)
 - [1.6: How does precession generate the macroscopic magnetization \(Mo\)? - CC BY-NC-SA 2.5](#)
 - [1.7: How can the nuclear spins be manipulated to generate the NMR spectrum? - CC BY-NC-SA 2.5](#)
 - [1.8: What is the tip angle? - CC BY-NC-SA 2.5](#)
 - [1.9: What is the Free Induction Decay? - CC BY-NC-SA 2.5](#)
 - [1.10: How do T₁ and T₂ relaxation affect NMR spectra? - CC BY-NC-SA 2.5](#)
 - [1.11: Where should I look to learn more about NMR? - CC BY-NC-SA 2.5](#)
 - [2: Practical Aspects of Q-NMR - CC BY-NC-SA 2.5](#)
 - [2.1: How do I choose a reference standard for my Q-NMR analysis? - CC BY-NC-SA 2.5](#)
 - [2.2: How is the internal standard used to quantify the concentration of my analyte? - CC BY-NC-SA 2.5](#)
 - [2.3: What sample considerations are important? - CC BY-NC-SA 2.5](#)
 - [2.4: How do I choose the right acquisition parameters for a quantitative NMR measurement? - CC BY-NC-SA 2.5](#)
 - [2.5: Effects of Tip Angle in Quantitative NMR Experiments - CC BY-NC-SA 2.5](#)
 - [2.6: What data processing considerations are important for obtaining accurate and precise results? - CC BY-NC-SA 2.5](#)
 - [2.7: References - CC BY-NC-SA 2.5](#)
 - [3: Virtual Experiment - CC BY-NC-SA 2.5](#)
 - [3.1: Virtual Laboratory - CC BY-NC-SA 2.5](#)
 - [4: Q-NMR Experiment - CC BY-NC-SA 2.5](#)
 - [4.1: Prelab Exercises - CC BY-NC-SA 2.5](#)
 - [4.2: Background - CC BY-NC-SA 2.5](#)
 - [4.3: Dry Lab - CC BY-NC-SA 2.5](#)
 - [4.4: Wet Lab - CC BY-NC-SA 2.5](#)
 - [5: Q-NMR Applications - CC BY-NC-SA 2.5](#)
 - [5.1: Q-NMR for purity determination of macrolide antibiotic reference standards- Comparison with the mass balance method - CC BY-NC-SA 2.5](#)
 - [5.2: Determining Enantiomeric or Isomeric Purity of Active Pharmaceutical Ingredients - CC BY-NC-SA 2.5](#)
 - [5.3: Q-NMR for Analysis and Characterization in Vaccine Preparations - CC BY-NC-SA 2.5](#)
 - [5.4: Q-NMR-Based Metabonomics of Blood Samples - CC BY-NC-SA 2.5](#)
 - [5.5: Q-NMR for Time Course Evolution of Malic and Lactic Acid - CC BY-NC-SA 2.5](#)
 - [6: Instructor's Guide - CC BY-NC-SA 2.5](#)
 - [6.1: Basic Theory Concept Questions - CC BY-NC-SA 2.5](#)
 - [6.2: Answers to Questions in the Basic Theory section - CC BY-NC-SA 2.5](#)
 - [6.3: Practical Aspects Concept Questions - CC BY-NC-SA 2.5](#)
 - [6.4: Answers to Questions in the Practical Aspects section - CC BY-NC-SA 2.5](#)
 - [6.5: Q-NMR Drylab - CC BY-NC-SA 2.5](#)

- [Back Matter - Undeclared](#)
 - [Index - Undeclared](#)
 - [Advanced Theory - CC BY-NC-SA 2.5](#)
- [Glossary - Undeclared](#)
- [Detailed Licensing - Undeclared](#)