

<<精细化工专业英语>>

图书基本信息

书名：<<精细化工专业英语>>

13位ISBN编号：9787122004154

10位ISBN编号：7122004155

出版时间：2007-7

出版时间：7-122

作者：花建丽

页数：261

版权说明：本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问：<http://www.tushu007.com>

<<精细化工专业英语>>

内容概要

《精细化工专业英语》是针对精细化工学科发展和教学需要而编写的精细化工专业英语教材。课文材料分五部分，共30单元，内容涉及普通化学（元素及周期表、无机和有机化合物的命名、性质等）；有机化合物波谱（紫外-可见光谱、红外光谱、核磁共振、质谱等）；有机化学实验（重结晶、蒸馏、分离、合成等）；精细化学品基础知识（药物中间体、香料、化妆品、染料、农药等）以及精细化工的最新进展和应用等。

为便于学生自学，每个单元均配有词汇表，并对课文做了必要的注释。

《精细化工专业英语》内容既注重对专业知识面的覆盖，又照顾专业的历史发展资料，并反映当前最新发展状况和若干重要科技领域（如能源、环保等）。

《精细化工专业英语》可供高等学校精细化工专业或相关专业三四年级学生使用，也可供同等英语程度化学工程师或相关领域的科技人员使用。

书籍目录

PART 1 INTRODUCTION OF GENERAL CHEMICALS Unit 1 The Elements and the Periodic Table Unit 2 The Nomenclature of Inorganic Compounds Unit 3 Hydrogen Peroxide Unit 4 Nomenclature of Hydrocarbon Unit 5 Nomenclature of the Compounds Containing Oxygen Unit 6 The Alkanes

PART 2 SPECTROSCOPY OF ORGANIC COMPOUNDS Unit 7 Ultraviolet Spectroscopy Unit 8 Quantitative Application of UV/Vis Spectroscopy Unit 9 Infrared Spectroscopy Unit 10 An Introduction to High-resolution Nuclear Magnetic Resonance (NMR) Spectroscopy Unit 11 Mass Spectrometry Unit 12 Examination of a Standard X-ray Diffraction Pattern

PART 3 TECHNIQUES AND EXPERIMENTS FOR ORGANIC CHEMISTRY Unit 13 Cleaning Up Unit 14 Techniques of Recrystallization Unit 15 Distillation Unit 16 Separation of the Components of “ Panacetin ” Unit 17 The Preparation of Synthetic “ Banana Oil ” Unit 18 The Preparation of Azo Dyes

PART 4 FINE CHEMICALS Unit 19 General Introduction of Fine Chemicals Unit 20 Drug Development and Production Unit 21 Fragrance and Flavor Unit 22 Cosmetics Unit 23 Dyes and Pigments Unit 24 Agricultural Chemicals

PART 5 THE APPLICATION OF FINE CHEMICALS Unit 25 Inorganic Photovoltaic Materials and Devices : Past , Present , and Future Unit 26 Perfluorinated Surfactants and the Environmental Implications of Their Use in Fire-Fighting Foams Unit 27 Chemistry of 2-Acetyl-1-pyrroline , 6-Acetyl-1 , 2 , 3 , 4-tetra-hydropyridine , 2-Acetyl-2-thiazoline , and 5-Acetyl-2 , 3-dihydro-4H-thiazine : Extraordinary Maillard Flavor Compounds Unit 28 The Natural Constituents of Historical Textile Dyes Unit 29 Development and Characterization of Silicone/Phosphorus Modified Epoxy Materials and Their Application As Anticorrosion and Antifouling Coatings Unit 30 The Recent Development of Vitamin D

VOCABULARY

版权说明

本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问:<http://www.tushu007.com>