

目 次

不同热处理状态下 2205 双相不锈钢中析出相变化的讨论	缪乐德, 张 毅, 邹君飞(1)
激光诱导击穿光谱法测定铝合金中铁铜硅	丛智博, 孙兰香, 辛 勇, 孔海洋, 杨志家(9)
717 阴离子交换树脂富集—电感耦合等离子体质谱法测定地质样品中痕量金铂钨	李 丹, 王 鐸, 李 彪(14)
锰的价态研究及在 X 射线荧光光谱测定锰矿中的应用	张建波, 王 谦, 林 力, 罗明贵(20)
样品制备在实验室工作流程自动化解决方案中的重要性	BASSIN Marc, DOLEZAL Ludwig, HAGEN François(26)
试样表面碳对红外吸收常规法测定钢中超低碳影响的研究	杨 琳, 王明生, 项秀智, 张 炯(30)
铝锂合金显微组织高分辨电子显微研究	袁志山, 张显峰, 冯朝辉, 陆 政, 戴圣龙, 刘常升(35)
X 射线荧光光谱法测定生铁中 10 种元素	高建民, 曲志勇, 张愈洁, 应晓浒(39)
氢化物发生—原子荧光光谱法同时测定红土镍矿中砷铋铟	何飞顶, 李华昌, 袁玉霞(44)
1,3-二[(4-硝基苯基重氮基)]苯基三氮烯的合成及其与汞(II)的显色反应	王贵芳, 王晓瑾(48)
溶剂浮选—高效液相色谱法测定工业废水中酚类化合物	史春丽, 高楼军, 柴红梅(53)
火焰原子吸收光谱法测定锡基合金中痕量银	张利群, 王晓辉, 陆翌欣, 王明海, 肖 政(57)
甲基蓝褪色阻抑动力学光度法测定痕量镍	王洪福, 苏智先, 张素兰, 何黎明, 刘 丽(61)
汞齐捕集—原子吸收光谱法测定铜精矿中汞含量	郭 芬, 苏明跃, 谷松海(65)
二溴对甲偶氮羧光度法测定 Cu-Co 合金中钴	钟国秀, 杨浩义, 晏高华(68)
低镍不锈钢光谱标准样品的研制	马冲先, 黄中华, 钱芳华(71)
氢化物发生—原子荧光光谱法测定锰矿中砷结果的不确定度评定	刘文甫, 应文河(77)
广告目次(13 页), 2011 年冶金及材料分析检测人员培训通知(43 页), 2011 年下半年中实国金开展的能力验证计划(52 页), 2011 年冶金及材料分析检测人员培训班安排(60 页), 《中国无机分析化学》征稿征订启事(80 页), 全国分析检测人员能力培训委员会培训考核计划(正文后), 2011 年上半年中实国金开展的能力验证计划(正文后)	

Contents

Discussion on transformation of precipitate phases in 2205 duplex stainless steel with different isothermal treatment situation	MIAO Le-de, ZHANG Yi, WU Jun-fei(1)
Determination of iron, copper and silicon in aluminum alloys by laser-induced breakdown spectroscopy	CONG Zhi-bo, SUN Lan-xiang, XIN Yong, et al. (9)
Determination of gold, platinum and palladium in geological samples by inductively coupled plasma mass spectrometry after concentration with 717 anion exchange resin	LI Dan, WANG De, LI Biao (14)
Study on chemical valence of manganese and its application in X-ray fluorescence spectrometry determination of manganese ore	ZHANG Jian-bo, WANG Qian, LIN Li, et al. (20)
The importance of sample preparation as part of laboratory workflow automation solutions	BASSIN Marc, DOLEZAL Ludwig, HAGEN François (26)
Influence of surface carbon of sample on the determination of ultra-low carbon in steel by infrared absorption routine method	YANG Lin, WANG Ming-sheng, XIANG Xiu-zhi, et al. (30)
Study on the microstructures of aluminum-lithium alloy by high resolution transmission electron microscopy	YUAN Zhi-shan, ZHANG Xian-feng, FENG Zhao-hui, et al. (35)
Determination of ten elements in cast iron by X-ray fluorescence spectrometry	GAO Jian-min, QU Zhi-yong, ZHANG Yu-jie, et al. (39)
Determination of arsenic, antimony and bismuth in laterite nickel ore by hydride generation-atomic fluorescence spectrometry	HE Fei-ding, LI Hua-chang, YUAN Yu-xia(44)
Synthesis of 1,3-di-[(4-nitrobenzenediazo)]benzenetriaene and its colour reaction with mercury(II)	WANG Gui-fang, WANG Xiao-jin(48)
Determination of phenol compounds in industrial wastewater by solvent sublation-high performance liquid chromatography	SHI Chun-li, GAO Lou-jun, CHAI Hong-mei(53)
Determination of trace silver in tin-based alloys by flame atomic absorption spectrometry	ZHANG Li-qun, WANG Xiao-hui, LU Yi-xin, et al. (57)
Determination of trace nickel with inhibition of the fading of methylene blue kinetic spectrophotometry	WANG Hong-fu, SU Zhi-xian, ZHANG Su-lan, et al. (61)
Determination of mercury in copper concentrates by amalgam gathering-atomic	

absorption spectrometry

..... GUO Fen, SU Ming-yue, GU Song-hai(65)

Spectrophotometric determination of cobalt in copper-cobalt alloy with Dibromomethyl carboxyazo

..... ZHONG Guo-xiu, YANG Hao-yi, YAN Gao-hua(68)

Development of certified reference materials of low-nickel stainless steel for spectroanalysis

..... MA Chong-xian, HUANG Shen-hua, QIAN Fang-hua (71)

Uncertainty evaluation for the determination results of arsenic in manganese ore by

hydride generation-atomic fluorescence spectrometry LIU Wen-fu, YING Wen-he(77)