

金欧亚色谱

我选择 我成功

因为专业 所以出色

色谱网-学术交流、资源共享与技术支持

<http://www.chromatogr.com/>

金欧亚-领先的色谱商务平台

<http://www.jinouya.cn/>

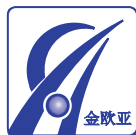
<http://www.sepu.net/Shop/Abouts.asp?id=79641>

<http://www.instrument.com.cn/netshow/SH100305/>

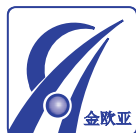
<http://ouyanew.cn.alibaba.com/>

<http://www.chem17.com/St10040/>

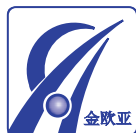
购买色谱柱、填料、耗材——就在金欧亚！



色谱图 chromatogram	高效薄层色谱法 high performance thin layer chromatography, HPTLC
色谱峰 chromatographic peak	浸渍薄层色谱法 impregnated thin layer chromatography
峰底 peak base	凝胶薄层色谱法 gel thin layer chromatography
峰高 h, peak height	离子交换薄层色谱法 ion exchange thin layer chromatography
峰宽 W, peak width	制备薄层色谱法 preparative thin layer chromatography
半高峰宽 Wh/2, peak width at half height	薄层棒色谱法 thin layer rod chromatography
峰面积 A, peak area	液相色谱仪 liquid chromatograph
拖尾峰 tailing area	制备液相色谱仪 preparative liquid chromatograph
前伸峰 leading area	凝胶渗透色谱仪 gel permeation chromatograph
假峰 ghost peak	涂布器 spreader
畸峰 distorted peak	点样器 sample applicator
反峰 negative peak	色谱柱 chromatographic column
拐点 inflection point	棒状色谱柱 monolith column monolith column
原点 origin	微粒柱 microparticle column
斑点 spot	填充毛细管柱 packed capillary column
区带 zone	空心柱 open tubular column
复班 multiple spot	微径柱 microbore column
区带脱尾 zone tailing	混合柱 mixed column
基线 base line	组合柱 coupled column
基线漂移 baseline drift	预柱 precolumn
基线噪声 N, baseline noise	保护柱 guard column
统计矩 moment	预饱和柱 presaturation column
一阶原点矩 γ_1 , first origin moment	浓缩柱 concentrating column
二阶中心矩 μ_2 , second central moment	抑制柱 suppression column
三阶中心矩 μ_3 , third central moment	薄层板 thin layer plate
液相色谱法 liquid chromatography, LC	浓缩区薄层板 concentrating thin layer plate
液液色谱法 liquid liquid chromatography, LLC	荧光薄层板 fluorescence thin layer plate
液固相色谱法 liquid solid chromatography, LSC	反相薄层板 reversed phase thin layer plate
正相液相色谱法 normal phase liquid chromatography	梯度薄层板 gradient thin layer plate
反相液相色谱法 reversed phase liquid chromatography	烧结板 sintered plate
柱液相色谱法 liquid column chromatography	展开室 development chamber
高效液相色谱法 high performance liquid chromatography, HPLC	往复泵 reciprocating pump
尺寸排除色谱法 size exclusion chromatography, SEC	注射泵 syringe pump
凝胶过滤色谱法 gel filtration chromatography	气动泵 pneumatic pump
凝胶渗透色谱法 gel permeation chromatography, GPC	蠕动泵 peristaltic pump
亲和色谱法 affinity chromatography	检测器 detector
离子交换色谱法 ion exchange chromatography, IEC	微分检测器 differential detector
离子色谱法 ion chromatography	积分检测器 integral detector
离子抑制色谱法 ion suppression chromatography	总体性能检测器 bulk property detector
离子对色谱法 ion pair chromatography	溶质性能检测器 solute property detector
疏水作用色谱法 hydrophobic interaction chromatography	(示差)折光率检测器 [differential] refractive index detector
制备液相色谱法 preparative liquid chromatography	荧光检测器 fluorescence detector
平面色谱法 planar chromatography	紫外可见光检测器 ultraviolet visible detector
纸色谱法 paper chromatography	电化学检测器 electrochemical detector
薄层色谱法 thin layer chromatography, TLC	



蒸发(激光)光散射检测器 [laser] light scattering detector	保留常数值 R_m , R_m value
光密度计 densitometer	板效能 plate efficiency
薄层扫描仪 thin layer scanner	折合板高 h_r , reduced plate height
柱后反应器 post-column reactor	分离度 R , resolution
体积标记器 volume marker	液相载荷量 liquid phase loading
记录器 recorder	离子交换容量 ion exchange capacity
积分仪 integrator	负载容量 loading capacity
馏分收集器 fraction collector	渗透极限 permeability limit
工作站 work station	排除极限 V_h , max, exclusion limit
固定相 stationary phase	拖尾因子 T , tailing factor
固定液 stationary liquid	柱外效应 extra-column effect
载体 support	管壁效应 wall effect
柱填充剂 column packing	间隔臂效应 spacer arm effect
化学键合相填充剂 chemically bonded phase packing	边缘效应 edge effect
薄壳型填充剂 pellicular packing	斑点定位法 localization of spot
多孔型填充剂 porous packing	放射自显影法 autoradiography
吸附剂 adsorbent	原位定量 in situ quantitation
离子交换剂 ion exchanger	生物自显影法 bioautography
基体 matrix	归一法 normalization method
载板 support plate	内标法 internal standard method
粘合剂 binder	外标法 external standard method
流动相 mobile phase	叠加法 addition method
洗脱(淋洗)剂 eluant, eluent	普适校准(曲线、函数) calibration function or curve
展开剂 developer	谱带扩展(加宽) band broadening
等水溶剂 isohydric solvent	(分离作用的)校准函数或校准曲线 universal calibration function or curve [of separation]
改性剂 modifier	加宽校正 broadening correction
显色剂 color [developing] agent	加宽校正因子 broadening correction factor
死时间 t_0 , dead time	溶剂强度参数 ϵ_0 , solvent strength parameter
保留时间 t_R , retention time	洗脱序列 elutotropic series
调整保留时间 t'_R , adjusted retention time	洗脱(淋洗) elution
死体积 V_0 , dead volume	等度洗脱 gradient elution
保留体积 v_R , retention volume	梯度洗脱 gradient elution
调整保留体积 v'_R , adjusted retention volume	(再)循环洗脱 recycling elution
柱外体积 V_{ext} , extra-column volume	线性溶剂强度洗脱 linear solvent strength gradient
粒间体积 V_0 , interstitial volume	程序溶剂 programmed solvent
(多孔填充剂的)孔体积 V_P , pore volume of porous packing	程序压力 programmed pressure
液相总体积 V_{tol} , total liquid volume	程序流速 programmed flow
洗脱体积 v_e , elution volume	展开 development
流体力学体积 v_h , hydrodynamic volume	上行展开 ascending development
相对保留值 $r_i.s.$, relative retention value	下行展开 descending development
分离因子 α , separation factor	双向展开 two dimensional development
流动相迁移距离 d_m , mobile phase migration distance	环形展开 circular development
流动相前沿 mobile phase front	离心展开 centrifugal development
溶质迁移距离 d_s , solute migration distance	向心展开 centripetal development
比移值 R_f , R_f value	径向展开 radial development
高比移值 hR_f , high R_f value	多次展开 multiple development
相对比移值 $R_i.s.$, relative R_f value	分步展开 stepwise development



连续展开 continuous development	柱寿命 column life
梯度展开 gradient development	柱流失 column bleeding
匀浆填充 slurry packing	显谱 visualization
停流进样 stop-flow injection	活化 activation
阀进样 valve injection	反冲 back flushing
柱上富集 on-column enrichment	脱气 degassing
流出液 eluate	沟流 channeling
柱上检测 on-column detection	过载 overloading

AAA - Amino acid analysis – 氨基酸分析

AAS - Atomic absorption spectrometry – 原子吸收光谱

AED - Atomic emission detection – 原子发射检测

AES - Atomic emission spectrometry – 原子发射光谱

AFD - Alkali flame detection – 碱火焰检测

API - Atmospheric-pressure ionization – 常压电离

AX/HPLC - Anion-exchange HPLC – 离子交换HPLC

CC - Open (low pressure) column chromatography – 开口(低压)柱色谱法

CD - Conductivity detection – 电导检测

CEC - Capillary Electrochromatography – 毛细管电色谱法

CF-FAB - Continuous flow FAB – 持流FAB

CGC - Capillary column gas chromatography – 毛细管柱气相色谱法

CI/MS - Chemical ionization MS – 化学电离MS

CIA - Capillary ion analysis – 毛细管离子分析

CLD - Chemiluminescence detection – 化学发光检测

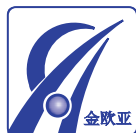
CLSE - Column liquid-solid extraction – 液固柱萃取

¹³C-NMR - Carbon-13 NMR – 碳¹³NMR

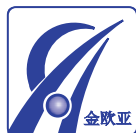
CSFC - Capillary supercritical-fluid chromatography – 毛细管超临界流体色谱法

CV - Cyclic voltammetry – 循环伏安法

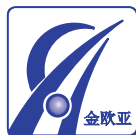
CX/HPLC - Cation-exchange HPLC – 阳离子交换HPLC



- CZE - Capillary zone electrophoresis – 毛细管区域电泳
- EC - Electron capture detection – 电子捕获检测
- ECD - Electrochemical detection – 电化学检测
- EI/MS - Electron-impact MS – 电子碰撞MS
- EIA - Enzyme immunoassay – 酶免疫测定
- ELISA - Enzyme-linked immunosorbent assay – 酶联免疫吸附测定
- EMIT - Enzyme-multiplied immunoassay technique – 酶多联免疫测定技术
- EPR - Electron paramagnetic resonance – 电子顺磁共振
- FAB/MS - Fast-atom-bombardment MS – 快速原子轰击MS
- FD - Fluorescence detection – 荧光检测
- FIA - Flow injection analysis – 流动注射分析
- FID - Flame ionization detection – 火焰离子化检测
- FPD - Flame photometric detection – 火焰光度检测
- FPIA - Fluorescence polarization immunoassay – 荧光偏振免疫测定
- FTD - Flame thermionic detection (alkali flame ionization) – 火焰热离子检测(碱火焰离子化)
- GC - Gas chromatography – 气相色谱法
- GC/MS - GC/mass spectrometry – GC/MS
- GFC - Gel filtration chromatography – 凝胶过滤色谱法
- GPC - Gel permeation chromatography – 凝胶渗透色谱法
- HalleCD - Hall electrolytic conductivity detection – 霍尔电解质电导率检测
- HPLC - High performance liquid chromatography – 高效液相色谱法
- µHPLC - Microcolumn HPLC – 微径柱 HPLC
- HPTLC - High performance TLC – 高效TLC
- HRGC - High resolution GC – 高分辨GC
- IE/HPLC - Ion-exchange HPLC – 离子交换HPLC



- IEC - Ion-exchange (low pressure) chromatography – 离子交换(低压)色谱法
- IEF - Isoelectric focusing – 等电点聚焦
- ILC - Ion liquid chromatography – 离子液相色谱法
- IMS - Ion mobility spectrometer – 离子淌度光谱仪
- IR - Infrared spectrometry – 红外光谱法
- LC - Liquid chromatography – 液相色谱法
- µLC - Microcolumn LC – 微径柱LC
- LC/MS - Coupled HPLC- mass spectrometry – LC/MS联用
- LIFD - Laser-induced fluorescence detection – 激光诱导荧光检测
- LLE - Liquid-liquid extraction – 液液萃取
- LSC - Liquid scintillation counting – 液滴闪烁计数
- LSE - Liquid-solid extraction – 液固萃取
- MD - Mass detection – 质量检测
- MECC - Micellar electrokinetic capillary chromatography – 胶束电动毛细管色谱法
- MSD - Mass selective detection – 质量选择检测
- NICI/MS - Negative-ion CI/MS – 负离子CI/MS
- NMR - Nuclear magnetic resonance – 核磁共振
- NP/HPLC - Normal-phase HPLC – 正相HPLC
- NPD - Nitrogen phosphorous detection – 氮磷检测
- PAD - Pulsed-amperometric detection – 脉冲电流检测
- PAGE - Polyacrylamide gel electrophoresis – 聚丙烯酰胺凝胶电泳
- PCR - Post-column reaction (on-line) – 后柱反应(在线)
- PDA - Photodiode array – 二极管阵列
- PI/HPLC - Paired-ion HPLC – 离子对上HPLC



PICI/MS - Positive-ion CI/MS – 正离子CI/MS

¹H-NMR - Proton NMR – 质子NMR

PSFID - Phosphorus sulfur flame ionization detection – 磷硫火焰离子化检测

PTLC - Preparative TLC – 制备TLC

RD - Radioactivity detection – 放射性检测

RI - Refractive index detection – 示差折光检测

RIA – Radioimmunoassay – 放射免疫测定

RP/HPLC - Reversed-phase HPLC – 反相HPLC

RRA - Radioreceptor assay – 放射受体测定

SAX - Strong anion exchange – 强阴离子交换

SCX - Strong cation exchange – 强阳离子交换

SDS-PAGE - Sodium dodecyl sulfate PAGE – 十二烷基磺酸钠PAGE

SEC - Size exclusion chromatography – 尺寸排阻色谱法

SFC - Supercritical-fluid chromatography – 超临界流体色谱法

SID - Surface ionization detection – 表面离子化检测

SIM - Selective ion monitoring – 选择性离子监测

SPE - Solid phase extraction – 固相萃取

TCA - Total carbon analysis – 总碳分析

TCD - Thermal conductivity detection – 热导检测

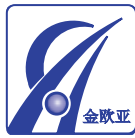
2-D TLC - Two-dimensional TLC – 二维TLC

TEA - Thermal energy analyzer – 热能分析仪

TLC - Thin layer chromatography – 薄层色谱法

TSMS - Mass spectrometric detection with thermospray interface – 带热喷雾接口的质谱检测

UV/VIS - Ultraviolet/visible detection – 紫外/可见光检测



北京金欧亚科技发展有限公司

THE GREAT EUR-ASIA SCI & TECH DEVELOPMENT CO., LTD

WAX - Weak anion exchange – 弱阴离子交换

WCX - Weak cation exchange – 弱阳离子交换