

ANABSTR (Analytical Abstracts)

- Subject Coverage**
- Applied and industrial analysis
 - Chromatography and electrophoresis
 - Clinical and biochemical analysis
 - Environment, agriculture, and food
 - General analytical chemistry
 - Inorganic and organic analysis
 - Pharmaceutical analysis
 - Spectroscopy and radiochemical methods
-

File Type Bibliographic

Features

Alerts (SDIs)	Weekly				
CAS Registry Numbers®	<input checked="" type="checkbox"/>	Page Images	<input type="checkbox"/>	STN AnaVist	<input type="checkbox"/>
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Learning Database	<input type="checkbox"/>	Structures	<input type="checkbox"/>	STN Viewer	<input type="checkbox"/>

Record Content

- Bibliographic information, abstracts (since 1984), names and CAS Registry Numbers of chemical substances, as well as index terms.
- With the help of those index terms the identified elements and compounds (Analyte), the analysed media (Matrix) or the applied analytical methods (Concepts) can be searched.

File Size 422,692 citations (02/11)

Coverage 1980-present

Updates Updated weekly

Language English

Database Producer

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Sources

- Journals
 - Books
 - Conference proceedings
 - Technical Reports
 - Standards
-

User Aids

- Online Helps (HELP DIRECTORY lists all help messages available)
 - STNGUIDE
-

Clusters

- ALLBIB
 - AUTHORS
 - BIOSCIENCE
 - CASRNS
 - CHEMISTRY
 - CORPSOURCE
- [STN Database Clusters](#) information (PDF)
-

Pricing

See the [STN Price List](#) or enter HELP COST at an arrow prompt.

Search and Display Field Codes

Fields that allow left truncation are indicated by an asterisk (*).

General Search Fields

Search Field Name	Search Code	Search Examples	Display Codes
Basic Index* (contains single words from the title (TI), abstract (AB), and chemical name and index term (IT) fields, as well as CAS Registry Numbers (RN))	None or /BI	S BIENZYMIC ELECTRODE# S CHROMATOG?(A)GAS S ELECTROPHORE?(L)REVIEW S 14798-03-9 S 50-00-0A (1) S 50-36-2M (2) S ?SPECTR?	TI, AB, IT
Accession Number	/AN	S "51(5):A1"/AN S 5105A001/AN	AN
Author (editor)	/AU	S BRIDGER, N?/AU	AU
Chemical Name	/CN	S DOPA?/CN	IT
Chemical Name, Analyte (3)	/CNA	S GOLD/CNA	IT
Chemical Name, Matrix (3)	/CNM	S MINERALS?/CNM	IT
Classification Code (code, main code and text) (4)	/CC	S (BIOCHEMISTRY OR BIOCHEMICAL)/CC S *F/CC	CC
Controlled Term (Concepts)	/CT	S AUTOMATED ANALYSIS/CT	IT
Corporate Source	/CS	S (FOOD AND RES?)/CS	AU
Document Type (code and text)	/DT (or /TC)	S BOOK/DT	DT
Entry Date (5)	/ED (or /UP)	S ED>JAN 2007	not displayed
Journal Title	/JT	S RAPID COMMUN?/JT	SO
Language (code and text)	/LA	S (EN OR DE)/LA	LA
Meeting Year (5)	/MY	S 1987/MY	SO
Number of Report (number and prefix)	/NR	S BARC-1005/NR	NR, SO
Publication Year (5)	/PY	S 1988-1990/PY	SO
Source (contains CODEN, journal title, IBSN, ISSN, publisher, meeting information, number of report)	/SO	S (ANAL?(W)SCI?)/SO S ILBYA6/SO S 0951-4198/SO	SO
Title	/TI	S RIMS/TI	TI

(1) To search for the CAS Registry Number as the Analyte, append A to the Registry Number.

(3) Expand may not be used with this field.

(2) To search for the CAS Registry Number as the Matrix, append M to the Registry Number.

(4) New classification codes used for citations since 1991.

(5) Numeric search field that may be searched with numeric operators or ranges.

DISPLAY and PRINT Formats

Any combination of formats may be used to display or print answers. Multiple codes must be separated by spaces or commas, e.g., D L1 1-5 TI AU. The fields are displayed or printed in the order requested.

Hit-term highlighting is available for searching in the basic index. Highlighting must be ON during SEARCH to use the HIT, KWIC, and OCC formats.

ANABSTR**DISPLAY and PRINT Formats (cont'd)**

Format	Content	Examples
AB AN AU CC DT (TC) IT LA NR SO TI	Abstract Accession Number Author (format includes CS) Classification Code Document Type Index Term (incl. chemical names and CAS Registry Numbers for Analyte(s), and Matrix and Concepts) Language Number of Report Source (format includes NR) Title	D TI AB D 1-5 AN D AU TI D CC D DT D IT D LA D NR D SO D TI 1-10
ALL BIB IND SCAN (1) TRIAL (TRI, SAM, SAMPLE, FREE)	AN, TI, AU, NR, SO, DT, LA, AB, CC, IT AN, TI, AU, NR, SO, DT, LA (BIB is the default) AN, CC, IT TI, IT (random display without answer numbers) TI, CC, IT	D 1-3 ALL D 8 BIB D 2-3 IND D L7 1-2 TRI
HIT KWIC OCC	Hit term(s) and field(s) Up to 50 words before and after hit term(s) (KeyWord-In-Context) Number of occurrences of hit term(s) and field(s) in which they occur	D HIT D KWIC D OCC

(1) SCAN must be specified on the command line, i.e., D SCAN or DISPLAY SCAN.

SELECT, ANALYZE, and SORT Fields

The SELECT command is used to create E-numbers containing terms taken from the specified field in an answer set.

The ANALYZE command is used to create an L-number containing terms taken from the specified field in an answer set.

The SORT command is used to rearrange the search results in either alphabetic or numeric order of the specified field(s).

Field Name	Field Code	ANALYZE/ SELECT (1)	SORT
Abstract	AB	Y (2)	N
Accession Number	AN	Y (3)	N
Author	AU	Y	Y
CAS Registry Number	RN	Y (2)	N
Chemical Name	CN	Y (2)	N
Chemical Names and CAS Registry Numbers	CHEM	Y (2)	N
Citation	CIT	Y (3,4)	N
Classification Code	CC	Y (3)	Y
CODEN	CODEN	N	Y
Controlled Term (Concept)	CT	Y (2)	N
Corporate Source	CS	Y	N
Document Type	DT (TC)	Y (3)	Y
International Standard Book Number	ISBN	N	Y
International Standard Serial Number	ISSN	N	Y
Journal Title	JT	Y (3)	Y

SELECT, ANALYZE, and SORT Fields (cont'd)

Field Name	Field Code	ANALYZE/ SELECT (1)	SORT
Language	LA	Y (3)	Y
Number of Report	NR	Y (3)	Y
Occurrence Count of Hit Terms	OCC	N	Y
Publication Year	PY	Y (3)	Y
Source	SO	Y (3,5)	N
Title	TI	Y (default)	Y

- (1) HIT may be used to restrict terms extracted to terms that match the search expression used to create the answer set, e.g., SEL HIT AU.
- (2) Appends /BI to the terms created by SELECT.
- (3) SELECT HIT or ANALYZE HIT are not valid with this field.
- (4) SELECT CIT allows you to extract the reference data from the source documents in this file and have them automatically converted to a citation format for searching in the SCISEARCH file. SEL CIT selects first author, publication year, volume, first page, and a truncation symbol with /RE appended.
- (5) Selects CODEN, ISBN, and ISSN with /SO appended to the terms created by SELECT.

Sample Records**DISPLAY BIB OF REPORT**

AN 59(11):H255 ANABSTR
 TI Methods of test for meat and meat products. Part 16. Determination of chloride content (potentiometric method).
 AU British Standards Institution (389 Chiswick High Road, London W4 4AL, UK)
 NR BS 4401:Part 16:1996 (ISO 1841-2:1996)
 SO British Standard (1996), Pp. 10
 DT Report
 LA English

DISPLAY ALL OF JOURNAL

AN 59(12):H332 ANABSTR
 TI Potentiometric stripping analysis of lead in vinegars: development of a method.
 AU Suturovic, Z. J.; Marjanovic, N. J.; Dostanic, N. M. (Dept. Applied Chem., Fac Technol., Univ. Novi Sad, 21000 Novi Sad, Yugoslavia)
 SO Nahrung (1997) 41(2), 111-113
 CODEN: NAHRAR ISSN: 0027-769X
 DT Journal
 LA English
 AB A 15 ml sample of 9% alcohol or 4% wine or cider vinegar was electrolysed at a Hg-film electrode (prep. described) at .minus.0.95 V vs. Ag/AgCl (3.5M-KCl) for 10 min with stirring at 4000 rpm, and, after quiescence for 15 s, the potential was monitored and the time for reoxidation of the deposited Pb by dissolved O₂ was measured. Pb was determined by the method of two standard additions. The detection limit was 0.5 .mu.g/l, recoveries were 88.5-98.2%, and the average RSD (n = 5) at 4.5-84.2 .mu.g/l of Pb was .appreq.7.2%. The application of a reduction current of 1.2-1.6 .mu.A permitted the deposition time to be shortened to 3 min without loss of accuracy or precision.
 CC *H Environment, Agriculture and Food (89000)

ANABSTR

IT Analyte(s):
 7439-92-1, lead
 (detmn. of, in vinegar, by stripping potentiometry)
 Matrix:
 vinegar
 (detmn. of lead in, by stripping potentiometry)
 Concepts:
 potentiometry, stripping
 (in food analysis)

DISPLAY TRIAL

TI Potentiometric Water Analysis. (Second Ed)
 CC *H Environment, Agriculture and Food (20090)
 A General Analytical Chemistry
 IT Matrix:
 waters, natural; waters, potable
 (analysis of, potentiometric)
 Concepts:
 potentiometry
 (in water analysis)

DISPLAY IND

AN 53(11):H181 ANABSTR
 CC *H Environment, Agriculture and Food (86000)
 G Pharmaceutical Analysis including drugs in biological fluids
 IT Analyte(s):
 113-98-4, penicillin, benzyl-, potassium
 (detmn. of, in milk, by ELISA)
 Matrix:
 milk
 (detmn. of benzylpenicillin potassium in, by ELISA)

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