

Title (en)

Determination of aromatic aminocarboxylic acids.

Title (de)

Bestimmung von aromatischen Aminocarbonsäuren.

Title (fr)

Détermination d'acides aminocarboxyliques aromatiques.

Publication

EP 0000066 A1 19781220 (EN)

Application

EP 78100121 A 19780608

Priority

US 80550277 A 19770610

Abstract (en)

The concentration of aromatic aminocarboxylic acids and their conjugates in body fluids is determined by treating the body fluid with a hydrolyzing agent, extracting said acid with an ion exchange resin, washing residual body fluids from the resin, eluting said acid from the resin with an acid solution of a complexing agent and determining the concentration of said acid by comparing the color of the extract with the color of solutions having known concentrations of said acid wherein the improvement comprises employing a non-acid hydrolyzing agent, for example, a base or an enzyme.

IPC 1-7

G01N 33/16; **C07C 99/12**

IPC 8 full level

G01N 21/77 (2006.01); **G01N 21/78** (2006.01); **G01N 30/88** (2006.01); **G01N 33/493** (2006.01); **G01N 31/00** (2006.01); **G01N 33/48** (2006.01); **G01N 33/52** (2006.01)

CPC (source: EP)

G01N 33/48 (2013.01); **G01N 33/52** (2013.01)

Citation (search report)

- [A] CHEMICAL ABSTRACTS, vol. 67, nr. 11, 11 september 1967, Columbus Ohio, USA, C.D. SCOTT a.o. "Automatic, high resolution analysis of urine for its ultra violet-absorbing constituents", page 4.770, second column, abstract 50948u & Proc. Soc. Exp. Biol. Med. 125(1), 181-4 (1967)(Eng).
- [A] CHEMICAL ABSTRACTS, vol. 82, nr. 1, 6 january 1975, Columbus Ohio, USA, W.H. WAUGH a.o. "Simplified measurement of p- amino hippurate and other arylamines in plasma and urine", page 163, second column, abstract nr. 1.759j & Kidney Int. 1974, 5(6), 429-36 (Eng).

Cited by

US2019232904A1; US11318203B2

Designated contracting state (EPC)

CH DE GB LU NL SE

DOCDB simple family (publication)

EP 0000066 A1 19781220; BE 867960 A 19781211; FR 2394089 A1 19790105; IT 1098313 B 19850907; IT 7824380 A0 19780609; JP S545792 A 19790117; JP S629855 B2 19870303

DOCDB simple family (application)

EP 78100121 A 19780608; BE 2057042 A 19780609; FR 7817371 A 19780609; IT 2438078 A 19780609; JP 6899078 A 19780609