بسم الله الرحمن الرحيم

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تم رفع هذه الرسالة بواسطة / حسام الدين محمد مغربي

بقسم التوثيق الإلكتروني بمركز الشبكات وتكنولوجيا المعلومات دون أدنى مسئولية عن محتوى هذه الرسالة.

ملاحظات : لا يوجد

Analysis of some cosmeceutical preparations

A Thesis
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(Pharmaceutical Analytical chemistry)

By

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بسم الله الرحمن الرحيم

"قَالُوا سُبْحَانَكَ لَا عِلْمَ لَنَا إِلَّا مَا
عَلَّمْتَنَا إِنَّكَ أَنْتَ الْعَلِيمُ الْحَكِيمُ"

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List of abbreviations

AA	**Ascorbic acid**
AC	**Alternating current**
ACN	**Acetonitrile**
AO	**Antioxidant**
BRB	**Britton-Robinson buffer**
CLA	**Chloroaniline**
CV	**Cyclic Voltammetry**
CS	**Chitosan**
DAD	**Diode-array detector**
DC	**Direct current**
DDS	**Dodecyl sulfate**
DOP	**Dioctyl phthalate**
DPV	**Differential pulse voltammetry**
DWS	**Dual-wavelength spectrophotometric method**
DWRS	**Dual-wavelength in ratio spectra spectrophotometric method**
EDTA-Tb	**EDTA-Terbium**
EMF	**Electro-motive force**
E_{pa}	**Anodic peak potential**
EXRS	**Extended ratio subtraction spectrophotometry**
FD and C	**The Federal Food, Drug and Cosmetic Act**
FIA	**Flow injection analysis**
GC	**Gas chromatography**
GCE	**Glassy carbon electrode**
GC-ECD	**Gas chromatography-electron capture detection**
GPO	**Glutathione peroxidase**
Gr-NC	**Graphene Nanocomposite**
GSH	**Reduced glutathione**
HE	**Herbal exfoliant**
2-HP-β-CD	**2-hydroxypropyl-β-cyclodextrin**
HPLC	**High-performance liquid chromatography**
ICH	**International Conference on Harmonization**
I_{pa}	**Anodic peak current**
IPA	**Isopropyl alcohol**
ISE	**Ion selective electrode**
IUPAC	**International Union of Pure and Applied Chemistry**
K-TCPB	**potassium tetrakis(4-chlorophenyl) borate**
LC	**Liquid chromatography**

LOD	**Limit of detection**
LOQ	**Limit of quantitation**
MCR	**Mean centering ratio**
MNPs	**Magnetic nanoparticles**
MPA	**3-mercaptopropionic acid**
MS	**Mass spectrometry**
MS/MS	**Tandem mass spectrometry**
MWCNTs	**Multi-walled carbon nanotubes**
NCAP	**N-acetyl-4-S-cysteaniminyl phenol**
Na-TPB	**Sodium tetraphenylborate**
PANI	**Polyaniline**
PABA	**Para-aminobenzoates**
PCA	**Para-chloro-aniline**
PCR	**Principal component regression**
PDA	**Photodiode array**
PGE	**Pencil graphite electrode**
PHMB-HCl	**Polyhexamethylene biguanide**
PLS	**Partial least squares regression**
PNCs	**Polymer nanocomposites**
PPY	**Polypyrrole**
PTFE	**Poly tetrafluoroethylene**
PVC	**Poly vinyl chloride**
QD	**Quantum dot**
R%	**Recovery percent**
r	**Correlation coefficient**
R_f	**Retardation factor**
ROS	**Reactive oxygen species**
RSD	**Relative standard deviation**
RSD%	**Relative standard deviation Percentage**
SC-ISE	**Solid contact-Ion selective electrode**
SD	**Standard deviation**
SLS	**Sodium lauryl sulfate**
SOD	**Superoxide dismutase**
SPE	**Screen-printed electrodes**
SSM	**Separate solutions method**
TEA	**Triethylamine**
TFA	**Trifluoroacetic acid**
THF	**Tetrahydrofuran**
TMAB	**Tetramethylammonium bromide**
T_R	**Retention time**
UV	**Ultraviolet**
XRD	**X-ray Diffraction**

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