



# Ion Molecule Reactions Mass Spectrometry of Polyethylene Glycols

By Adebayo Onigbinde

LAP Lambert Academic Publishing. Taschenbuch. Book Condition: Neu. 220x150x mm. Neuware - New developments in various spheres of the sciences have produced many commercial products and as well increased the risk to human health and environmental pollution. For example, packaging materials such as bisphenol and paraffin's have been found to migrate into food materials and also reacts with food components such as proteins. Pesticides such as chlorpyrifos and penconazole residues have been found in wines. Identifying and characterizing these materials require fast and accurate analytical instrumentation and techniques such as gas chromatography chemical ionization, (GC/CIMS). The GC/CIMS technique is based on ion molecule reactions and its usefulness depends on the types of reactions and also on the rates of its reaction. Sample ion/sample molecule (SIMS) reactions occur frequently under chemical ionization, CI, conditions with large sample size polar compounds and are useful in determining thermochemical parameters such as bimolecular rate of reactions, structure of compounds, sequence of reactions and in forming  $MH^+$  ions for molecular weight determination. SIMS reactions of polyethylene glycol and its derivatives under CI and FT/ICR are made in this report. 76 pp. Englisch.



**READ ONLINE**  
[ 3.92 MB ]

## Reviews

*A top quality publication along with the font used was intriguing to read. I really could comprehend everything using this written e ebook. Its been designed in an remarkably straightforward way and it is only after i finished reading through this publication by which basically altered me, modify the way i believe.*

-- **Cathrine Larkin Sr.**

*Very useful to all of group of people. I actually have read through and so i am certain that i will planning to study yet again once again down the road. I am just very easily can get a satisfaction of looking at a created book.*

-- **Mark Bernier**

## See Also



### **California Version of Who Am I in the Lives of Children? an Introduction to Early Childhood Education, Enhanced Pearson Etext with Loose-Leaf Version -- Access Card Package**

Pearson, United States, 2015. Loose-leaf. Book Condition: New. 10th. 249 x 201 mm. Language: English . Brand New Book. NOTE: Used books, rentals, and purchases made outside of Pearson If purchasing or renting from companies other than Pearson, the access codes for...



### **Who Am I in the Lives of Children? an Introduction to Early Childhood Education, Enhanced Pearson Etext with Loose-Leaf Version -- Access Card Package**

Pearson, United States, 2015. Book. Book Condition: New. 10th. 250 x 189 mm. Language: English . Brand New Book. NOTE: Used books, rentals, and purchases made outside of Pearson If purchasing or renting from companies other than Pearson, the access codes for...



### **Joey Green's Rainy Day Magic: 1258 Fun, Simple Projects to Do with Kids Using Brand-name Products**

Fair Winds Press, 2006. Paperback. Book Condition: New. Brand new books and maps available immediately from a reputable and well rated UK bookseller - not sent from the USA; despatched promptly and reliably worldwide by Royal Mail;



### **Dom's Dragon - Read it Yourself with Ladybird: Level 2**

Penguin Books Ltd. Paperback. Book Condition: new. BRAND NEW, Dom's Dragon - Read it Yourself with Ladybird: Level 2, Mandy Ross, One day, Dom finds a little red egg and soon he is the owner of a friendly dragon called Glow! But...



### **Shlomo Aronson: Making Peace with the Land, Designing Israel's Landscape**

Spacemaker Press. Hardcover. Book Condition: New. 1888931167 Never Read-12+ year old Hardcover book with dust jacket-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy- I ship FAST with FREE tracking!! \*...



### **Let's Find Out!: Building Content Knowledge With Young Children**

Stenhouse Publishers. Paperback. Book Condition: new. BRAND NEW, Let's Find Out!: Building Content Knowledge With Young Children, Sue Kempton, Ellin Oliver Keene, In her new book, Let's Find Out!, kindergarten teacher Susan Kempton talks about the importance of helping children build the...