

Frank C. Whitmore, C. S. Rowland, S. N. Wrenn and G. W. Kilmer. The Dehydration of Alcohols. XIX. *t*-Amyl Alcohol and the Related Dimethylneopentylcarbinol.

Page 2971. Column 2, line 1, read "in the ratio 1 to 4.5."—FRANK C. WHITMORE.

Richard T. Arnold and Frederick Bordwell. Studies in the Veratrole and Methylenedioxybenzene Series.

Page 2984. In Col. 2, in the first five bold-face side-heads, for "5" read "6."

Line 32, for "201-202°" read "210-213°."

Line 42, for "107°" read "105°."—RICHARD T. ARNOLD.

1943, VOL. 65

W. Shand, Jr., and R. A. Spurr. The Molecular Structure of Ozone.

Page 181. The Authors write: "We have found that the values of the free energy of ozone and the equilibrium constant for the reaction  $O_2 = 3/2O_3$  given in Table III of our recent article are in error. The corrections have no influence on the conclusions drawn. The corrected table is as follows:

$T, ^\circ K.$	$\log K = \log \frac{P_{O_2}^{3/2}/P_{O_3}}{P_{O_2}}$	$-\left(\frac{F^\circ - E_0^\circ}{T}\right)_{O_3}$	Entropy at 298.1°K.
298.1	28.486	48.545	$S_{T+R}$ 56.41
500	18.482	52.966	$S_V$ 0.38
1000	11.122	59.646	$S_{Tot}$ 56.80 $\pm$ 0.1 cal./ °/mole
1500	8.664	64.041	
2000	7.434	67.352	
2500	6.697	70.024	
3000	6.207	72.255	

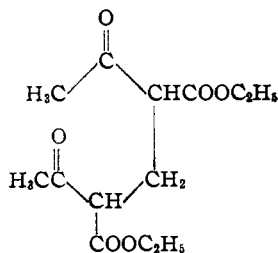
—W. SHAND, JR., AND R. A. SPURR

Norman H. Cromwell and Rayner S. Johnson.  $\alpha, \beta$ -Unsaturated Aminoketones. IX. Color and Constitution.

Pages 316-318. The values of  $\epsilon_{max}$  (the molar extinction coefficient) given in the running text are cited incorrectly as  $\times 10^{-3}$ ; they should read  $\times 10^3$  to conform with the values given correctly in Table I.—NORMAN H. CROMWELL.

Lee Irvin Smith and George F. Rouault. Alkylation of 3-Methyl-4-carbomethoxy-2-cyclohexen-1-one (Hagemann's Ester) and Related Substances.

Page 631. Formula I should be



—LEE IRVIN SMITH.

Robert L. Clark and Cliff S. Hamilton. Arsenicals Derived from Acetophenone.

Page 635. Column 2, in line 1, insert "were" between "amines" and "treated."

Page 636. Column 1, line 6 from end, insert ' after (V). Then add a footnote

(7) Cf. Weidenhagen and Rienacher, *Ber.*, 72, 57 (1937).

—ROBERT L. CLARK.

Kenneth S. Pitzer and Donald W. Scott. The Thermodynamics and Molecular Structure of Benzene and Its Methyl Derivatives.

Page 827. An error was made in the values of  $\Delta H_f^\circ$  of formation from the elements given in Table XXVIII. The correct values are: benzene 25.2  $\pm$  1.0, toluene 18.7  $\pm$  1.5 and *m*-xylene 12.5  $\pm$  2.0, all in kcal./mole.—K. S. PITZER.

Fred Linsker and Marston Taylor Bogert. Amidino Arsenicals. I. *p*-Amidinophenylarsonic Acid and 4,4'-Diamidinoarsenobenzene.

Page 933. In Col. 2, line 11, for "*p*-Aminophenylarsonic" read "*p*-Amidinophenylarsonic."—MARSTON TAYLOR BOGERT.

J. G. Aston, George J. Szasz and Herman L. Fink. The Heat Capacity and Entropy, Heats of Transition, Fusion and Vaporization and the Vapor Pressures of Cyclohexane. The Vibrational Frequencies of Alicyclic Ring Systems.

Page 1137. Table VIII contains arithmetical errors.

At 292.36°K. column 6 (second entry) should be 8026 instead of 7980.

At 292.36°K., column 7 (second entry) should be 8011 instead of 7974.

Mean, column 7 (fourth entry) should be 7980  $\pm$  40 instead of 7967  $\pm$  8.

Calculated from equation (1) at 298.16°K. Berthelot correction 66 cal./mole, column 7 (fifth entry) should be 8120 instead of 7940.

Further vapor pressure measurements show that equation (1) is poor and not accurate to better than 0.5 mm. This is partly due to impurity and to the fact that it contains as many constants as points.—J. G. ASTON.

George B. Guthrie, Jr., and Hugh M. Huffman. Thermal Data. XVI. The Heat Capacity and Entropy of Isopentane. The Absence of a Reported Anomaly.

Page 1143. In section 4 of the Summary, for "291.16°K." read "298.16°K."—H. M. HUFFMAN.

Kenneth A. West and Harold Hibbert. Studies on Lignin and Related Compounds. LXIV. Synthesis and Properties of 3-Hydroxy-1-(4-hydroxy-3-methoxyphenyl)-1-propanone.

Page 1170. In col. 1, line 10, read "(R-CHOH-CH<sub>2</sub>—" instead of "(R-CHOH-CH—"—HAROLD HIBBERT.

W. E. Bachmann and G. D. Cortes. Phenanthrene Derivatives. XI. Acetylation and Succinylation of 3-Methylphenanthrene.

Page 1332, Column 2, line 29 should read "1.5 cc. of acetic anhydride and 1 g. of 3-methylphenanthrene were added."—GLORIA D. CORTES.

Henry Gilman and C. G. Stuckwisch. The Metalation of Thianthrene and Dibenzop-dioxin.

Page 1461. In footnote (1), for "LI" read "LII."—HENRY GILMAN.

A. L. Neal and F. M. Strong. Existence of an Alkali-Stable Derivative of Pantothenic Acid in Biological Materials.

Page 1659. In line 3 from the end of Col. 2, for "eluate 3" read "eluate C."—FRANK M. STRONG.