

APPLIED COMBUSTION DIAGNOSTICS



EDITED BY RALPH HANSEN, KODAK SPACE HONOLULU, AND JAY W. JEFFERSON, SDC

COMBUSTION: AN INTERNATIONAL SERIES

Applied Combustion Diagnostics 1st First Edition

Jr., Charles E. Baukal



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Applied Combustion Diagnostics Katharina Kohse-Hoinghaus,Jay B. Jefferies,2002-04-26 The editors have assembled a world class group of contributors who address the questions the combustion diagnostic community faces They are chemists who identify the species to be measured and the interfering substances that may be present physicists who push the limits of laser spectroscopy and laser devices and who conceive suitable measurements **Optical Engineering** ,1985

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web problem 8 5 1 6 8 5 1 6 when 50.0 g of 0.200 M NaCl aq at 24.1°C is added to 100.0 g of 0.100 M AgNO_3 aq at 24.1°C in a calorimeter the temperature increases to 25.2°C as AgCl s forms assuming the specific heat of the solution and products is $4.20 \text{ J } ^\circ\text{C}^{-1} \text{ g}^{-1}$ calculate the approximate amount of heat in joules produced answer