

UNDERWATER LASER ABLATION AS A METHOD  
FOR PREPARING SOLUTIONS OF NONSOLUBLE  
TIN- AND LEAD-BASED COMPOUNDS

*S.E. Zelensky, A.S. Kolesnik, A.V. Kopyshinsky,  
B.A. Okhrimenko*

Taras Shevchenko National University of Kyiv,  
Physics Department,  
(64 Volodymyrska, Kyiv MSP 01601, Ukraine,  
e-mail: [kopyshinsky@univ.kiev.ua](mailto:kopyshinsky@univ.kiev.ua))

S u m m a r y

A method for preparing aqueous electrolyte solutions of nonsoluble tin- and lead-based compounds has been developed. It is based on the underwater laser ablation stimulated by a neodymium Q-switched laser. Absorption and luminescence spectra of the solutions obtained have been studied.