



Short Communication

Greener Identification of Cd in presence of Cu in Qualitative Analysis

A.V. Prasada Rao¹ and K. Deepthi^{2*}

1. Department of Inorganic and Analytical Chemistry, Andhra University, Visakhapatnam, **INDIA**

2. Department of Chemistry, Adikavi Nannaya University, Rajahmundry, **INDIA**

deepthikorabandi@gmail.com

Accepted on 11th August, 2021

ABSTRACT

Cations identification in Qualitative analysis is tiresome and involves use of harmful and toxic reagents. When comes to the case of identification and confirmation Cu and Cd, use of KCN, H₂S is unavoidable which are toxic. The present method describes the use of less toxic reagents like K₄[Fe(CN)]₆ and K₃[Fe(CN)]₆ for the identification of Cd in presence of Cu.

Keywords: Qualitative analysis, Cd, Cu, Greener identification, use of K₄[Fe(CN)]₆, K₃[Fe(CN)]₆ etc.
