

Accepted Manuscript

Title: Sensitive and selective colorimetric detection of Pb^{2+} by silver nanoparticles synthesized from *Aconitum violaceum* plant leaf extract

Authors: Nayab Ali Khan, Abdul Niaz, Muhammad Iqbal Zaman, Farman Ali Khan, Muhammad Nisar-ul-haq, Muhammad Tariq



PII: S0025-5408(17)33882-5
DOI: <https://doi.org/10.1016/j.materresbull.2018.02.050>
Reference: MRB 9874

To appear in: *MRB*

Received date: 10-10-2017
Revised date: 16-2-2018
Accepted date: 28-2-2018

Please cite this article as: Khan NA, Niaz A, Zaman MI, Khan FA, Nisar-ul-haq M, Tariq M, Sensitive and selective colorimetric detection of Pb^{2+} by silver nanoparticles synthesized from *Aconitum violaceum* plant leaf extract, *Materials Research Bulletin* (2010), <https://doi.org/10.1016/j.materresbull.2018.02.050>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

**Sensitive and selective colorimetric detection of Pb²⁺ by silver nanoparticles synthesized
from *Aconitum violaceum* plant leaf extract**

Nayab Ali Khan^a, Abdul Niaz^{a*}, Muhammad Iqbal Zaman^a, Farman Ali Khan^b, Muhammad Nisar-ul-haq^a, Muhammad Tariq^c.

^a*Department of Chemistry, University of Science & Technology Bannu, 28100, KPK, Pakistan*

^b*Department of Chemistry, Shaheed Benazir Bhutto University, Sheringal, Dir (Upper), 18000, KPK, , Pakistan*

^c*National Center of Excellence in Physical Chemistry, University of Peshawar, 25100, Peshawar, Pakistan.*

Corresponding author email; niazchemist2k6@yahoo.com

Tel: +92928633022

Download English Version:

<https://daneshyari.com/en/article/7904838>

Download Persian Version:

<https://daneshyari.com/article/7904838>

[Daneshyari.com](https://daneshyari.com)