**A Novelty Statement (111)**

1. The use of inorganic stabilizers for double base propellants (DBPS) in literature is scanty. The use of organic stabilizers for (DBPs) should be avoid; due to the formation of carcinogenic and harmful organic products as a result of reaction of NOx gases. It is the first time to study the mechanism of removing of these harmful and hazardous gases during DBPs storage at high temperature in Egypt, using nano-zeolite (Clinoptilolite) via adsorption (physical and/or chemi-sorption) or even absorption through tunnel systems.
2. The surface phenomenon studied in this paper using different techniques confirmed the proposed mechanism. Therefore, it is seems reasonable to publish this work in ARABJC.