

COA2

Certificate of Analysis

A **Certificate of Analysis (COA)** is an official quality document issued by a manufacturer or supplier that certifies the chemical composition, purity, and batch details of a product. It typically includes information such as the product name, lot number, manufacturing and expiry dates, test results, and compliance with specific standards. In the context of precursor chemicals, a COA plays an important role in tracking and regulatory compliance by verifying the authenticity, identity, and quality of each batch. While the Material Safety Data Sheet (MSDS) or Safety Data Sheet (SDS) provides information on hazards, handling, and safety measures, the COA serves as proof of analysis and quality assurance, helping authorities and organizations ensure proper traceability and prevent diversion of precursor chemicals for illicit use.