

ABSTRACT

SYSTEM AND METHOD FOR DRYING AND ANALYTICAL TESTING OF CONTAINERS

Embodiments of the present invention provide a system and method to perform drying and testing of organometallic and organosilane precursor source ampoules that have been cleaned for re-use. The drying and quality control testing is performed in a single location with a single apparatus requiring only one manual connection/disconnection step of the ampoule to the apparatus. The testing includes analyses for residual moisture, entrained particulate matter, differential pressure, and helium leak checking.

[no suitable figure]