ABSTRACT

Systems and methods for commodity traceability and testing. One or more of a data interface, an application programming interface ("API"), and an interactive graphical user interface ("GUI") receives, via a network, traceability data and other data associated with at least one commodity from data sources. A data mapper aggregates and maps the traceability and other data to a set of commodity-associated data. A data validator executes one or more validation tests of the commodity-associated data to determine whether the commodity-associated data set complies with one or more predefined requirements. The traceability and other data, the commodity-associated data set, and/or the validation results are stored in databases. One or more servers retrieve the traceability and other data, the commodity-associated data set and validation results and generate one or more interactive presentations. The GUI disseminates, via the network, the one or more interactive presentation to one or more user devices.

FIG. 1A