

## Product Development Lab RFID Solution

The Northern Apex product development lab tracking solution utilizes RFID technology and modular software to allow product development labs and research facilities the ability to gain better control over their research and greater visibility into their chemicals, compounds and waste. LabTrail PDL™ also gives time/date data to provide timely inventory and sample accountability times.

### LabTrail PDL™ Benefits:

- Traceability of critical chemicals and reagents used for developing compounds.
- RFID tag data has 'write to' capability to ensure critical processes are followed, tested, completed and recorded.
- Added tags give each scientist the ability to account for used/wasted ingredients.
- Labeling each sample/compound/chemical, allows for accountability and tracking throughout the entire development process.
- Supply chain visibility of products entering the lab; inventory reduction of chemicals used and disposed of.
- RFID inlays can be applied directly to the individual ingredients, formulas or tests, making identification quick and easy (direct line-of-sight is not required to ID the item).



### LabTrail PDL™ Features:

- LabTrail™ software can be stand alone or integrated into client's ERP or procurement software.
- Utilizing near field RFID technology for a read distance of 0" - 3"; perfect for identifying each individual item (singulating critical feedback).
- Optional custom reports or additional software customization/integration.
- RFID enabled printer allows tags to be quickly attached to samples with critical information embedded within the RFID tag, while maintaining "human readable" markings on the label.