



## Technical Bulletin:

### Research & Development (R&D) Testing

This technical bulletin provides clarification for which required tests research and development (R&D) testing is permitted in accordance with the administrative rules.

#### Research & Development Testing:

1. Research and development (R &D) testing may be performed for any test that is required **except** for pesticides. The MSDH allows the following R & D testing on the following parameters: **Water activity and moisture content, Potency, Heavy Metals, Microbial Contaminants, and Residuals Solvents.**
2. R&D testing for pesticides is not permissible and has been discontinued as an available option in Metrc.
3. While Research and Development testing is not considered a compliance test, a failure for any test performed could mean that the item is now considered adulterated and is not safe for consumption. There may be a means to remediate the item but before doing so **a review of the failed testing rules, found under section 5.5, should be performed to see how to handle a failed item.** Dilution is not considered a form of remediation and should not be done on any item that fails a test **unless** the failure was for a concentrate or edible potency. Please note that in both instances, this would require a new production batch since something is being added for the dilution.
4. All research and development testing must be entered into the seed-to-sale system (Metrc).