



Team: NPK Group - James Bartos, Indiana State Chemist Office

Near Term

- *Perkin Elmer (PE) Table for ICP-PK describing unique conditions for that instrumentation*
- *New K₂O standard (0-0-60) through LQSi and PCS Phosphate*
- *ICP-PK Collaborative Study Completed*
- *Check Extraction Conditions: Temperature 60, 65, 70C (in Air Bath); Time - same day vs. next day*
- *Fit for purpose methods – Model Documents*
- *Help support Sulfur by Combustion Collaborative study*
- *ICP-MS PK Method Validation*
- *Combustion N method validation and ring study – ISO TC-134*

Near Term

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Action Priorities Worksheet



Team: NPK Group - James Bartos, Indiana State Chemist Office

Not Capable/High
Priority

Capable/High Priority

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Not Capable/Low
Priority

Capable/Low Priority



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| 1 | Action Idea: | Champion: | Date Started: | ✓ |
|------------------------|--------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------|---|
| | | | Target Completion: | |
| WHAT needs to be done? | | WHO will do it? | WHEN will it be done? | |
| | <i>PE Table</i> | Scott | April 15 | |
| | <i>New K2O standard (0-0-60)</i> | Barbara/LQSi/ Supporting Labs | Dec 15 | |
| | 1) <i>Collaborative Study Practice</i> 2) <i>Full Collaborative Study</i> | James | 1) June 2) Sept 15 | |
| | <i>Temperature 60, 65, 70C Air Bath; Time - same day vs. next day</i> | Solomon | June 21 | |
| | <i>Fit for purpose methods – Model Documents</i> Increased consistency clarification with IAs | James/AAPFCO Board | ? Dec 2016 | |
| | <i>Elementar 1% to 90% Sulfur Collaborative Study</i> | Tyson | 1) SOP March 30 2) Prep June 30 3) Complete August 30 | |
| | <i>ICP-MS Validation PK? NM</i> | ? | ? | |
| | Collaborative Study N – ISO TC-134 | Brian/Sapna | 1) WD – June 2 2) CD – Dec 2017 | |
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Action Assignments



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| 2 | Action Idea: | Champion: | Date Started: | |
|-------------------------------------------------------------------------------------------------|--------------|--------------------|--------------------------|---|
| | | | Target Completion: | |
| WHAT needs to be done? | | WHO will do it? | WHEN will it be done? | ✓ |
| Pursue validation of R.I. and Density for UAN | | Brian | NWIP June 2016 | |
| Support Brian with evaluation of densitometer units and other assistance to the extent possible | | Brian/Sapna | Dec 2016 | |
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Action Assignments



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|----------|-----------------------------------|----------------------------|----------------------------------|-------------------------------------|
| 3 | Action Idea: | Champion: | Date Started: | |
| | | | Target Completion: | |
| | WHAT needs to be done? | WHO will do it? | WHEN will it be done? | <input checked="" type="checkbox"/> |
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