

Action Opportunities Worksheet



Team: Micronutrients and Trace metals

Near Term

- Response to reviewer's comments
- Collaborative Study Packet
- Ask statistician from Magruder
-

Long Term

- XRD of zinc materials
- Investigate soluble methods
- Talk with FI
- Look at Magruder samples for results
- Begin with water soluble

Action Priorities Worksheet



Team: Micronutrient and trace metals

Not Capable/High Priority

Capable/High Priority

- Prioritize questions from reviewers to respond
- Is reviewer 3 still applicable?
- Correct Horwitz equation?
- Evaluate samples for collaborative study
- Determine if some samples need to be replaced with higher [] as, se, pb?
-

Not Capable/Low
Priority

Capable/Low Priority

-



Action Assignments



Team: _____

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1	Action Idea: Respond to Reviewers' Comments on Simultaneous Determination of Nutrient and Nonnutrient Metals in Fertilizer	Champion: Sharon	Date 02/25/16 Started
		Target Completion:	
WHAT needs to be done?		WHO will do it?	WHEN will it be done?
1. Respond to safety reviewer's comments		Group	02/25/16
2. Stat comments to address: <ul style="list-style-type: none"> a. If applicable, has statistics been calculated for Sr, SMR, RSDr, RSDR, r, R, HORRAT and Percent Recovery (see Part 6)? NO b. Are the inferences/conclusions in line with the statistical parameter estimates? NO c. Do the appropriate statistics (or reference to table) appear immediately beneath the title/ applicability of the method? NO d. Does the repeatability, reproducibility, sensitivity and HORRAT values appear reasonable given the matrix, analyte and levels? NO e. RECOMMENDATION: Manuscript needs the indicated revisions to be statistically acceptable and correspond with the study protocol and/or guidelines. 		Group	Please see Appendix K, p. 10, 3.4.4

<p>3. ERP comments to address:</p> <p>a. ER 1: No, The carbon interference/background for wavelengths below 250nm is not sufficiently addressed.</p> <p>b. ER 1: Sound methodology but it does not address the hardware (actual ICP differences) sufficiently. Without addressing this there will be biases based on plasma configuration used. Especially for the heavy metals.</p> <p>c. ER 2: Authors are to be commended for undertaking this important correction and addition of additional elements to make this a more universal method for fertilizer analysis.</p> <p>d. ER 4: Looks good.</p> <p>e. ER 5: I think this method is taking advantage of the technology that is available. The simultaneous determination of the metals on ICP will be very beneficial to laboratories.</p> <p>f. ER 6: more studies have to be done in order to improve the recovery of some elements</p> <p>g. ER 7: Scope and applicability for fertilizers is appropriate for the specified metals.</p>			
4.			
5.			
6.			

2	Action Idea: Collaborative Study of above method	Champion: Sharon	Date Started	
		Target: Completion:		
WHAT needs to be done?		WHO will do it?	WHEN will it be done?	✓
1. Collaborative Study Protocol		Sharon		X
2. Send out 2 of each for practice: digested and undigested for lab ability		Sharon	06/01/16	
3. Finalize List of collab samples		Group	02/25/16	X

4. Write Collaborative Study Manuscript	Sharon		X
5. Review Collaborative Study Manuscript	TM Group	03/04/16	
6. ERP Review	Sharon	09/16	
7. Run replies to stat and erp by NT/BH?		03/16/16	
8. Return replies to stat/erp		04/16/16	

