

# Cannabis Science Task Force: Metals Analytical Work Group Update

Date: 7/22/2020

Metals AWG met twice:

July 7<sup>th</sup> from 1-4pm

July 22<sup>nd</sup> from 1-4pm



# JULY 7<sup>TH</sup>: 1<sup>ST</sup> METALS AWG MEETING

Roll Call: ★ = Present

## CSTF (Cannabis Science Task Force) Metals Workgroup Members:

- ▶ Sara Sekerak, Dept. of Ecology (DOE)-CSTF Lead Chemist ★
- ▶ Caroline West, Dept. of Health (DOH)-Metals Workgroup Lead & Facilitator ★
- ▶ Nicholas Poolman, Liquor and Cannabis Board (WLSCB) ★
- ▶ Mike Firman, Dept. of Agriculture (WSDA) ★
- ▶ Tania Sasaki, Confidence Analytics ★
- ▶ Srinivasa Reddy Mallampati, Medicine Creek Analytics ★
- ▶ Curtis Deer, Institute of Food Safety and Defense ★
- ▶ Tim McCall, Dragon Analytical Laboratory ★

## CSTF Workgroups (Metals, Potency, PT, etc.) Support Staff:

- ▶ Anastacia Green, Dept. of Ecology (DOE)- CSTF Secretary Senior ★

# 1<sup>st</sup> Meeting Update: General Topics



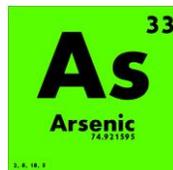
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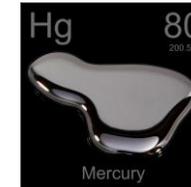
## Topics Discussed

- ▶ 1. Meeting frequency
- ▶ 2. Time line
- ▶ 3. Charter Deliverables: Tasks, Roles, & Responsibilities
- ▶ 4. Total vs Speciated Arsenic (As)-Do we need methods for both?
- ▶ 5. Performance Based Method vs Universal Method: Pros & Cons for both
- ▶ 6. Where to Start?



## Responses to Topics

- ▶ 1. Set up 2 meetings in August then 1 per month through December. Looking into scheduling 1 more early Sept. & late Nov.
- ▶ 2. Discussed final report & other major deadlines & progress targets
- ▶ 3. Talked about what is expected of members relating to participation, attendance, & goals
- ▶ 4. Moving forward with Total As in mind-“inorganic” term being removed (rule may not be passed yet but consensus is that it will)
- ▶ 5. Unanimous for Performance Based
- ▶ 6. Asked for members to add methods & documents to the BOX for review/discussion at next meeting



# JULY 22<sup>nd</sup>: 1<sup>ST</sup> METALS AWG MEETING

Roll Call: ★ = Present

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# 1<sup>st</sup> Meeting Update: General Topics

No Motions Yet but next Steering Committee Meeting we will have at least 2 (Performance Based Method & Total As Testing)

## Topics Discussed

- ▶ EAM 3.6 Performance (3.6.1.4 ICP/MS)
- ▶ Different QC types, frequencies, & nomenclature (Dragon and Medicine Creek labs to submit QC protocols to Box by 8/3/2020)
- ▶ Discussed PT Work Group question about PT matrices for metals—we agree that hemp is fine
- ▶ Will continue to look through all the EAM sections and other SOPs we have in the Box

## Responses to Topics

- ▶ A. Starting discussing performance criteria for ICP/MS platforms. Will discuss other platforms later.
  - B. Discussed changing curve statistics from  $r$  to  $r^2$  values.
  - C. Discussed IDL vs LOD vs MDL & recommending SOPs describe which was used and how it was determined. Considering same language as pesticides.
  - D. Discussed Interferences-polyatomic and isobaric.
  - E. Will make a chart comparing the different types of QC throughout the different documents & methods to decide on harmonization of terms.