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## Heavy Metals Standards for Cannabis Testing

States are pushing the cannabis industry to provide accurate, quantifiable results for heavy metals, specifically arsenic, cadmium, lead, and mercury for cannabis inhalation products and cannabis goods (i.e. edibles). Recent legislation has been passed in California and Colorado mandating the testing of cannabis for these dangerous impurities.

The procedure focuses on the use of ICP-MS instrumentation, along with accurate ICP-MS standards, allows for increased efficiency and accuracy of the analysis necessary to comply with the new state regulations.

Our extensive experience in creating quality trace metal standards, coupled with our ICP-MS analysis, will ensure your company will remain compliant with the new and changing regulations.

Inhalants are a well proven method for drug delivery first reported in the early 20th century. Inhalation therapy has become a mainstay in respiratory care since the inhaled drugs are localized to the target organs, which is not the case in injectable or ingestible therapies. Since inhaled compounds are concentrated in the target organs, it also means that any contaminants are also concentrated in the lungs as well.

### Inhalation Metal Mix for Cannabis Metal Analysis

Element	Concentration	Volume	Matrix	Part #
Arsenic	2 mg/kg	125 mL	5% HNO <sub>3</sub>	CANN-INHL1
Cadmium	2 mg/kg			
Lead	5 mg/kg			
Mercury	1 mg/kg			

### Impurities Metal Mix for Cannabis Metal Analysis

Element	Concentration	Volume	Matrix	Part #
Arsenic	15 mg/kg	125 mL	5% HNO <sub>3</sub> /1% HCl	CANN-EDBIL
Cadmium	5 mg/kg			
Lead	5 mg/kg			
Mercury	30 mg/kg			

## Contact Us

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