

SciFinder Discovery Platform - Good to know: Formulations for soil remediation and environmental analysis

Looking for organic amendment formulations to reclaim heavy metal contaminated soils

In SciFinderⁿ, in the **Reference Search** mode

Open the CAS Lexicon and input build the following query:

Search CAS Lexicon

Search Concept

Your Query
You may include up to 1,000 terms in a search. Clear All

Preferred Term

Heavy metals
This will search synonyms: **Heavy metal**; MeSH ID: D019216

Broader Terms (2) Select All

Elements

Metals

Narrower Terms (2) Select All

Heavy metals, γ-glutamyl-containing peptide complexes

Trace heavy metals

Related Terms (5) Select All

Environmental pollution

Soil reclamation ✕

OR

Soil amendments ✕

AND

Heavy metals ✕

Select a boolean operator AND

Add Term(s)

Learn more about CAS Lexicon searching.

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Apply the following filters:

[CAS Solutions: Formulus](#)

[Formulation purpose: Soil amendments](#)

Get Reference Details for reference #2 titled:

[Restoration of heavy metal-contaminated soils](#)

Open Formulus accordion and click on **View CAS Formulus® Detail**

Then, look for the reference record for patent number CN108424256

Open Formulus accordion and click on **View CAS Formulus® Detail**

Look at the Formulation Details page and its different components.

Looking for analytical methods to measure heavy metal content in treated soil

In **Analytical Methods**

Click on **Browse Method Categories**, select **Agricultural Applications/Analysis**, then **Soil Analysis**

Apply the following filters:

[Analyte: Copper](#)

[Matrix: Soils](#)

[Technique ICP](#)

[AAS](#)