

Preferred method for removing surface contaminants from geobotanical samples before metals analysis

Dept. of the Interior, U.S. Geological Survey - Reliability Testing Techniques



Description: -

- Biogeochemistry

Plants -- AnalysisPreferred method for removing surface contaminants from geobotanical samples before metals analysis

- U.S. Geological Survey open-file report -- 85-379

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Environmental Sampling

The catalysts were exposed to corresponding NO₃- or NH₄ compds. Assay methods for waterborne pathogens may also not be standardized.

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Broth media are used with membrane-filtration techniques.

Reliability Testing Techniques

It is found that the activity and N₂ selectivity of poisoned catalyst are inhibited immensely at the entire temp. The cost of the denitrification catalyst accounts for 50% of the total investment in the denitrification system.

Reliability Testing Techniques

Sulfation by gaseous SO₂ is efficient, provided the poison is first removed by washing. N₂ selectivity for the SCO reaction agreed well with catalyst surface acidity and the activity for selective catalytic redn.

Contamination Analysis & Surface Contamination Analysis

These micro-fractures are absent in the corresponding ARcore samples from a,b. The VHC fraction present in the ARcutt samples appears to be effectively removed by the cleaning procedure for the SCcutt samples Fig. Several methods can be used for collecting environmental surface samples Table 25.

Environmental Sampling

The short term exposure of humans, animals, and plants to atmospheric pollutants is more severe than that for pollutants in other matrices. Finally, 5 mL of standing water were added to each vial.

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