

Resource Summary Report

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Determination of Total Hydrogen Cyanide Levels in Fresh Cassava Roots using the picrate paper method

DOI:10.17504/protocols.io.ygzftx6

Type: Protocol

Proper Citation

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Protocol Information

URL: <https://dx.doi.org/10.17504/protocols.io.ygzftx6>

Authors: Matema Imakumbili

Summary: This protocol describes how to analyse total cyanide (HCN) levels in fresh cassava roots using the picrate paper method. The method gives the potential cyanide content of cassava roots on a fresh weight basis.

Associated Publications: Imakumbili MLE, Semu E, Semoka JMR, Abass A, Mkamilo G (2019) Soil nutrient adequacy for optimal cassava growth, implications on cyanogenic glucoside production: A case of konzo-affected Mtwara region, Tanzania. PLoS ONE 14(5): e0216708. doi: [10.1371/journal.pone.0216708](https://doi.org/10.1371/journal.pone.0216708)

Affiliations: Sokoine University of Agriculture

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