

ACCELERITETM BIOREMEDIATION NUTRIENT

Description

JRW Bioremediation's AcceleriteTM bioremediation nutrient is a metabolic supplement for enhancing the kinetics and efficiency of biological systems. The U.S. Food and Drug Administration has designated AcceleriteTM bioremediation nutrient as Generally Recognized As Safe (GRAS). It is a mixture of water soluble bioremediation metabolites including B-vitamins, yeast factors, and other products of fermentation generated by the metabolism of a sugar source.

Typical Properties

	Accelerite TM
Moisture, % wt/wt	< 11
Protein, % wt/wt	> 25
Fat, % wt/wt	> 0.1
Ash, % wt/wt	< 20
Total Dietary Fiber, % wt/wt	>10

Applications

The AcceleriteTM bioremediation nutrient is used to increase the dehalogenation kinetics and increase efficiency of electron donor utilization. Studies have shown that AcceleriteTM increases the degradation efficiency of WILCLEAR[®] sodium lactate for the bioremediation of tetrachloroethene to ethene by 36%. AcceleriteTM bioremediation nutrient is applied at a rate of 2.5% of the fermentable electron donor mass.

Packaging

AcceleriteTM bioremediation nutrient is provided as a dry powder packaged in 50 pound boxes.

Storage

AcceleriteTM bioremediation nutrient should be stored in a temperature-controlled area protected from moisture.

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Tel: 913.438.5544 • Fax: 913.438.5554 • 14321 West 96th Terrace, Lenexa, KS 66215

info@jrwbiorem.com • <http://www.jrwbioremediation.com>