



Soil Nitrate Nitrogen Content Assay kit

Nitrate nitrogen refers to the nitrogen element contained in nitrate. Nitrate nitrogen in the soil is one of the main forms of nitrogen absorption by higher plants, and its content is directly related to the yield and quality of crops.

Under concentrated acid conditions, NO₃ reacts with salicylic acid to produce nitrosalicylic acid, which is yellow under alkaline conditions (pH >12), and its color depth is proportional to its content.

Catalog No.	251004
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Detection Method	Spectrophotometry / Micro-Plate Reader
Storage/Stability	2-8°C/1 year
Shipping	Gel Packs