

# **& Radioactivity & Radiochemistry**

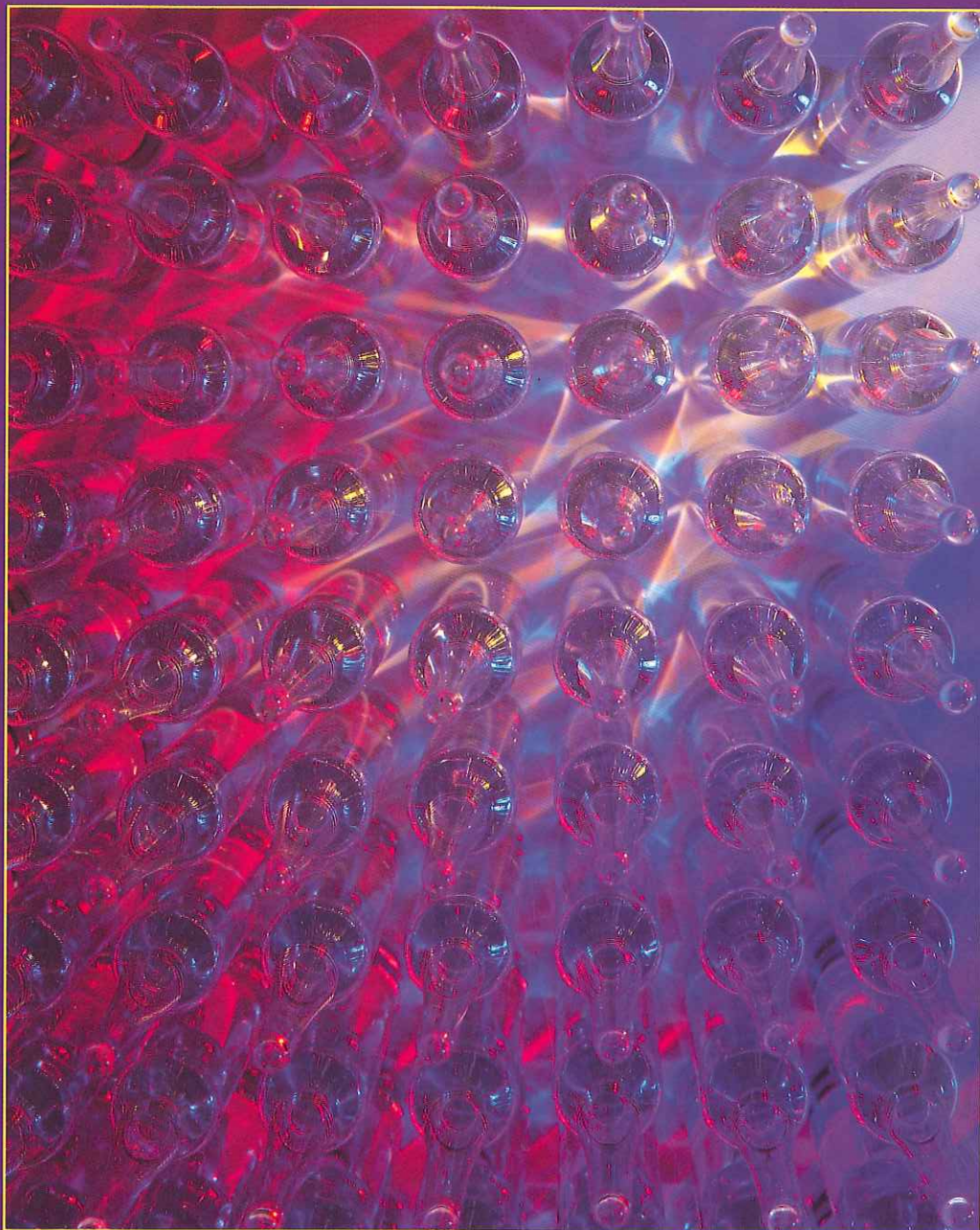
**A Mixed Gamma-Ray  
Standard for Calibrating  
Germanium Well Detectors**

**A Coincidence Counter for  
Simultaneous Measure-  
ments of Low Levels of  
Radon and Thoron**

**Demonstration of Coinci-  
dence Summing Effects  
Observed with N-Type  
Germanium Detectors in  
the 20- to 40-keV Energy  
Range When Counting  
 $^{129}\text{I}$ ,  $^{125}\text{I}$ , and  $^{125}\text{Sb}$**

**Alpha-Particle  
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**Monitoring for  $^{99}\text{Tc}$  in  
Borehole Waters Using  
an Extraction  
Chromatographic Resin**



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## **Long-Term Stability of Carrier-Free Polonium Solution Standards**