

SECRETARÍA DE ESTADO DE MEDIO RURAL Y AGUA

SECRETARÍA GENERAL DE MEDIO RURAL

DIRECCIÓN GENERAL DE MEDIO NATURAL Y POLÍTICA FORESTAL





WHY USE CALCIMETER METHOD AND NOT TITATION METHOD FOR MEASURED CARBONATETES ?

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DETERMINATION OF CARBONATE CONTENT

- + NOT Used Method SA07 ICP-Forest
- Use Titration Method
 - ♦ Sample + 10 ml HClO₄ (1N)
 - → Heat a 300°C ⇒ 2 min
 - \diamond Cool \Rightarrow + 150 ml H₂O distilled
 - ♦ Titration with NaOH (0.5 N)
- + 6th Ring Test Soil
 - Overestimated carbonates
 - ♦ Sample C ⇒ mean = 10 g/kg
 - Range 0-23 g/kg
 - Lab Spain = 29 g/kg
- + 5th Ring Test Soil not overestimated
 - ♦ Sample C ⇒ mean = 148 g/kg
 - Lab Spain = 173 g/kg











DETERMINATION OF CARBONATE CONTENT

- Another lab use Titration Method
- Another Lab has same problem with exceed carbonates



THANK YOU











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