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Experimental investigation of the solar drying of Tunisian phosphate under different conditions

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Highlights

- A comparative study on the solar drying of Tunisian phosphate in the open sun, under greenhouse and by a parabolic dish concentrator is achieved.
- Drying phosphate by three solar processes reached the marketing standards.
- The drying rate curves of the phosphate have shown mainly: a constant drying rate and falling rate period.
- The parabolic dish concentrator drying is more competitive than the two other methods.

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