

Suggested Decarboxylation Temperatures and Techniques



Decarboxylation: THCA → CO₂ + H₂O + THC

Total THC = THCA% + Initial THC%	THCA% = Final THC%	
	THCA%	Final THC%
Total THC% ≠ Final THC %		
Complete Decarboxylation (higher temp)	10%	8.80%
Partial Decarboxylation & THC→CBN (lower temp)	10%	6.14%

Dosage information is a summary of data gathered from users, research, and other resources and should not be construed as recommendations.

The lower the temperature of decarb, the more CBN produced, the lower the final THC%, more CBN%
 The higher the temperature of decarb (but < vaporization temp of THC) the higher the final THC%

Table: Decarboxylation Temperatures and Times

Temperature	Heating Mode	Plant Material Time		Keif/Hash Time		Cannabis Oil Time
		High THC	High CBD	High THC	High CBD	
+/- 3°F						
300°F	Oven	10-18 minutes	15-25 minutes	5-10 minutes	10-15 minutes	
250°F	Hot oil bath					Until bubbles taper off
245°F	Oven	50-60 minutes	60-90 minutes	30-40 minutes	40-50 minutes	
212°F	Boiling water bath	90-120 minutes	2-4 hours	90-120 minutes	2-4 hours	