STUDY ON THE EFFECT OF THE CHOCOLATE MANUFACTURING PROCESS ON ITS ANTIOXIDANT CAPACITY Universitat Autonor Mariona Caballé Ibars, June 2023

Objectives

- Determine the effect of the chocolate making process on the antioxidants from cocoa.
- Identification of the key stages and their optimal conditions to retain antioxidant activity.



Figure 2. Differences between the antioxidant content of cocoa, chocolate, beverages and nuts

Conclusions

- Reduction of antioxidant capacity due to process.
- Key stages
 - Harvesting → Cocoa bean with a yellowishreddish hue
 - Fermentation → Water blanching and 5-6 days
 - Drying → Sun drying or artificial drying at 70 °C
 - Roasting → 110 °C / 85 min

