

# Effects of different preservation methods on antioxidant activity in Icelandic crowberries (*Empetrum nigrum spp. hermaphroditum*).

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#### **Abstract**

- · High oxidative activity
- · Many health promoting factors
- Flavonoids and anthocyanins produced by crowberries have high antioxidant activity
- Candidates for cosmetics, in pharmaceutical industry or as food supplements





- Not as popular as Icelandic blueberries probably because their high tannin level makes them bitter
- Despite their bitterness they probably have much more health promoting factors than other popular berries that might make them valuable for Innovation with the proposition of the



My daughter eating lasagne with crowberries and loved it!

3 Amazir

13 Amazing Health Benefits Of Crowberries

• True?







### **Background**

- No research data is available regarding antioxidant activity in Icelandic crowberries, (*Empetrum nigrum ssp. hermaphroditum*).
- Still it can be bought in pharmacies







#### **Methods**

- Harvested in September 2017
- Blanched for 0, 1, 2, 3, 4 minutes
- · Juice and waste seperated
- Waste extracted in ethanol/water solution
- Polyphenols measured in juice and waste after 0, 3, 6, 9 and 12 months



Harvested in Fljótshlíð





## Results

• Not ready to be publised yet...

Thank you! [





