BIOACTIVE COMPOUNDS IN TWO FRUITS SPECIES FROM MATA ATLÂNTICA – GRUMIXAMA (*Eugenia brasiliensis La M.)* E JUÇARA (*Euterpe edulis Mart*)

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The interesting in exotic fruits from Amazonia and Mata Atlântica that show higher levels of bioactive compounds has increased in the recent years. Juçara and grumixama are deep purple colour due to the content of anthocyanins. This study aimed to identify the anthocyanins and carotenoids in this fruits and quantifying total phenolic compounds and monomeric anthocyanins. The identification was performed using High Performance Liquid Chromatography coupled to the diode array detector and mass spectrometer with ionization sources of ESI and APCI. To analyze monomeric anthocyanin was used differential pH method and to determine total phenolic compounds the Follin-Ciocalteau method. 19 carotenoids were obtained from grumixama: 15 of them identified, 2 mixture and 2 not identified. The main carotenoids was all-trans *all-trans*-β-cryptoxanthin (64,2%) *m/z* 553, *all-trans*-lutein (11,6%) *m/z* 569 and *all-trans*-β-carotene (5,2%) *m/z* 537, comprising 81% of the total area. The main anthocyanin was cyanidin 3-glucoside m/z 449, being the total of monomeric anthocyanins were 2,9 ± 0,5 mg/100g fruit while the phenolics were 1321,2 ± 355,4 mg GAE/100g fruit. From juçara was isolated and identified 13 carotenoids. The main ones was *all-trans*-lutein (41,4%) *m/z* 569 and *all-trans*-β-carotene (34,4%) *m/z* 537. The total of monomeric anthocyanins were 201,4 ± 6,4 mg/100g fruit, and total phenolics were 553,7±3,6 mg GAE/100g fruit. The main anthocyanins was cyanidin 3-glucoside *m/z* 449, 3-rutinoside *m/z* 595, 3-sambubioside *m/z* 581 and 3-rhaminoside *m/z* 433. Thus, these data suggest that this species are rich in bioactive compounds and pigments and show a relevant antioxidant potential.