

## LARANJA AMARGA

**Scientific name:** *Citrus aurantium* Linné

**Family:** Rutaceae

**Popular names:** Orange, Neroli, Bigarade orange

<sup>(1)</sup>.

**Used parts:** leaves

**Botanical characteristics:** The flowers are arranged singly or in clusters in the axils, and are very fragrant. The calyx is cupshaped, and the 5 thick fleshy petals are an intense white and revolute. The fruit is about 7.5 cm in diameter, subglobose, slightly flattened at both ends, 10- to 12- locular. The peel is thick, rough and orange when ripe. The fruit pulp is acidic. The core is hollow when ripe. Bitter orange is an evergreen tree with a rounded crown and smooth grayish-brown bark. The branches are angular when young, becoming terete and glabrous soon after, with a few stout but flexible axillary spines. The alternate leaves are 7.5 to 10 cm, broadly elliptoid, subacute at the apex, cuneate or rounded below. The upper surface is a shiny dark green and the underside paler. Petioles are broadly winged, tapering to a wingless base <sup>(1)</sup>.

**Habitat:** *Citrus aurantium* is indigenous to tropical Asia but is widely cultivated in other regions today, such as the Mediterranean <sup>(1)</sup>.

Country of origin of the plant: Paraguay

CAS number: not available

Preservatives: without preservatives

Auxiliary substances: not presence

Carriers: not presence

Characteres:

Color: Orange

Odour: Characteristic

Appearance: Characteristic

Residual pesticides complying to Reg. (EC) No. 839/2008: Not available

Microbial contamination:

Total Aflatoxis (B1,B2,G1,G2) < 10PPB of wich Aflatoxin B1 < 5 ppb: Not available

GMO status : GMO free

Allergen form or declaration complying to EC Directives 2003/89 and 2004/77: