

MaquiBright®

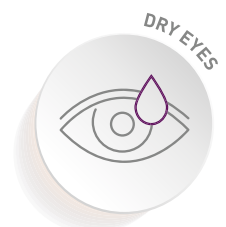
A STANDARDISED MAQUI BERRY EXTRACT,
BRANDED, PATENTED AND EFFECTIVE



MARKET APPLICATIONS

■ Dry Eyes

- ® BRANDED INGREDIENT
- + SUPPLEMENT





MAQUI BERRY – THE TREASURE OF PATAGONIA

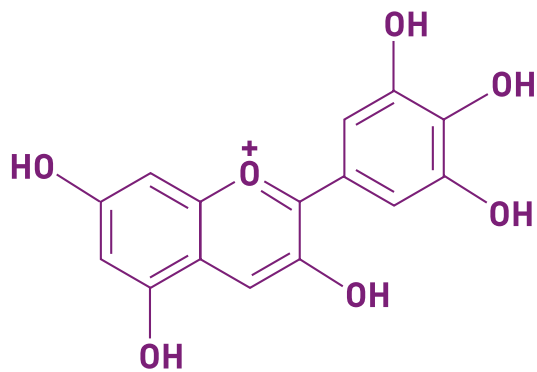
Maqui berry is a native berry that grows in the wild forests of Patagonia in Chile and Argentina.

This berry has been consumed from ancient times by indigenous people and is by nature extraordinarily rich in many nutrients and powerful flavonoid species known as anthocyanins. A specific category of these flavonoids, known as delphinidins, is responsible for the very dark purple color of the berries as well as for several health applications.

MaquiBright®

QUALITY

- **MaquiBright®** is manufactured from selected fresh maqui berries under strict GMP conditions. The product is exclusively produced by Anklam Extrakt® in Germany.
- **MaquiBright®** is a maqui berry extract providing rich purified flavonoids, standardised to bear a minimum of 25 % delphinidins and a minimum of 35 % total anthocyanins.
- **MaquiBright®** is certified Kosher and Halal.
- **MaquiBright®** shows clinically proven bioavailability of key components.



SAFETY

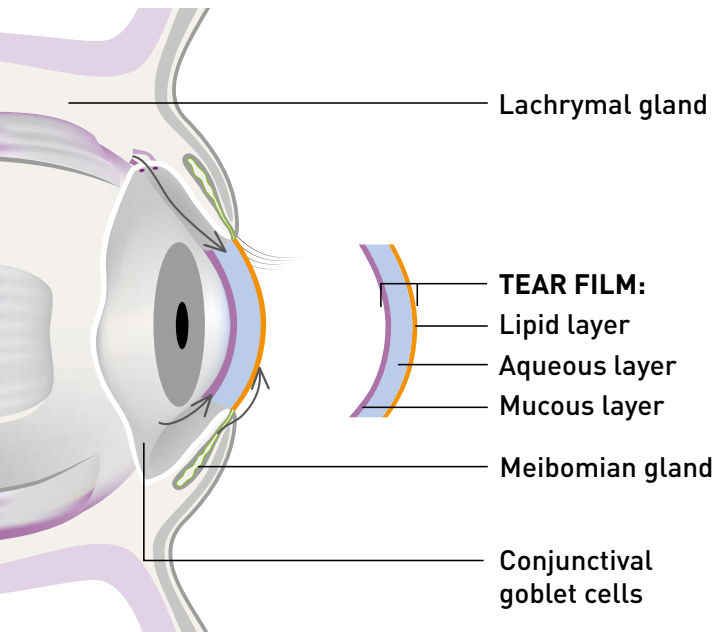
Safety investigations have confirmed absence of health risks related to regular consumption of **MaquiBright®**. In the USA, **MaquiBright®** has been affirmed as Generally Recognized As Safe (GRAS).

MAQUIBRIGHT® – UNIQUE INGREDIENT FOR A NATURAL EYE HEALTH SUPPORT

UNIQUE FEATURES

- Restoration of healthy tear fluid generation
- Comfortable and safe alternative to artificial tear drops
- Various product combinations feasible
- Already low doses showed significant positive clinical effects





Causes of insufficient tear fluid production:

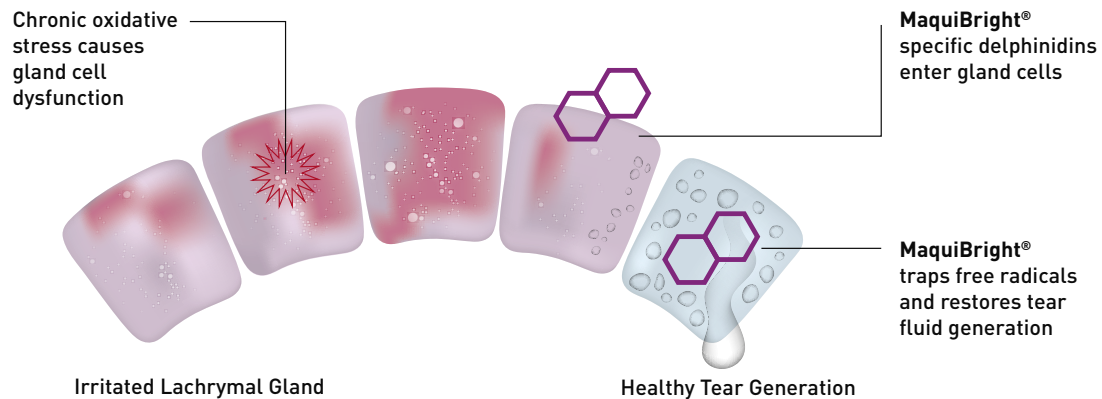
- Higher age (> 55 years)
- Female gender
- Intensive use of smart phones, tablets etc.
- Contact lenses
- Cigarette smoke
- Air conditioning
- Pollution
- Certain medications
- Laser surgery

Signs of insufficient tear fluid production:

- Redness
- Stinging
- Itching
- Foreign body sensation
- Sensitivity to light
- Blurred vision

MAQUIBRIGHT® MODE OF ACTION

Lachrymal Gland Cell



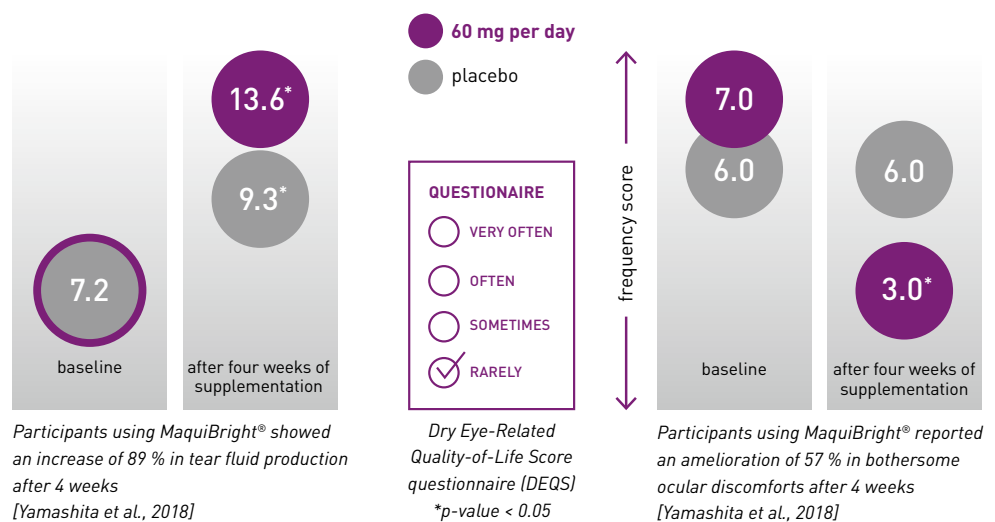
EFFICACY

MaquiBright® has shown significant effects on the increase of tear production and the decrease of bothersome ocular discomforts in clinical studies.

Schirmer's test tear fluid secretion



n=74
randomized double-blind
placebo controlled trial
*p-value < 0.05





Vacuum belt dryer



Laboratory



Production building



Raw material storage



Percolator

REFERENCES

Hitoe et al., MaquiBright® standardized maqui berry extract significantly increases tear fluid production and ameliorates dry eye-related symptoms in a clinical pilot trial. *Panminerva Med.* 56 (3 Suppl 1): 1-6, 2014.

Nakamura et al., Delphinidin 3,5-O-diglucoside, a constituent of the maqui berry (*Aristotelia chilensis*) anthocyanin, restores tear secretion in a rat dry eye model. *Journal of Functional Foods*, 10: 346-3, 2014.

Tanaka et al., Maqui berry (*Aristotelia chilensis*) and the constituent delphinidin glycoside inhibit photoreceptor cell death induced by visible light, *Food Chem.* 2013 Aug 15;139(1-4):129-37

Schön et al., Bioavailability Study of Maqui Berry Extract in Healthy Subjects, *Nutrients*. 2018 Nov; 10(11): 1720

Yamashita et al., 2018. Effects of MaquiBright® on improving eye dryness and fatigue in humans: A randomized, double-blind, placebo-controlled trial. *J Tradit Complement Med.* 2018 Nov 22;9(3):172-178

PATENT STATUS

Issued or pending patents derived from WO2014098092A1 are licensed from Oryza Oil & Fat Chemical Co., Ltd., Japan.

QUALITY IS OUR PASSION

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You can find a bibliography on our homepage:



EXTRACTS
FROM GERMANY