

cultavit[®]



Introduction:

Cultavit[®] V is a Vitamin B sprouted Buckwheat from an herbal environment.

Within the following natural sprouting process, the already into the grain diffused B-vitamins are stored in the grain’s starch complex and when required the B-vitamins are embedded into the sprouts’ cell as a compound of functional structures (enzymes, co-enzymes, provitamins...) and therefore naturally bounded.

Compared to classic grains and seeds the Cultavit buckwheat includes a special high amount of B-vitamins.

Therefore B-vitamins are available in natural surroundings in a high concentration.

Advantages:

- Gluten free (< 20 ppm)
- UK Vegetarian Society “Vegan approved”
- Suitable for Diabetes mellitus diet
- 100% buckwheat

- GMO Free
- Not irradiated
- It improves the qualitative value of the final products thanks to this complex of vegetable origin fortified with vitamins.
- Cultavit[®]-Vitamin B12 is a unique vegetal Vitamin B12 source and perfect supplement for vegans.
- Buckwheat-germination generates a plant source for Folate with superior bioavailability.

Vitality facts of B-Vitamins pro 1g Cultavit V	Minimum value
Vitamin B1:	1,6 mg (= 146% RDA)
Vitamin B2:	2,3 mg (= 164% RDA)
Vitamin B3:	28,4 mg (= 178% RDA)
Vitamin B5:	11,0 mg (= 183% RDA)
Vitamin B6:	1,5 mg (= 107% RDA)
Folic acid:	344,2 µg (= 172% RDA)
Vitamin B12:	3,6 µg (= 145% RDA)
Biotin:	99,0 µg (= 198% RDA)

Legal considerations:

Cultavit® is not:

- Subject to the EU enrichment regulation.
- Subject to the Novel Food regulation.
- Clean label declaration possible.

Applications:

- Dietary supplements: HGC, Tablets, Caplets, Powder only
- Food: Biscuits, pasta, soft drinks, syrups

Product Series

- Cultavit® V200 GF (200% RDA/g buckwheat)
- Cultavit® VS 1 GF (150% RDA/g) as well as minerals (Selenium, Zinc, Copper and Manganese – 50% RDA/g)
- Cultavit® VS 2 GF (150% RDA/g) as well as minerals (Selenium, Zinc, Copper – 50% RDA/g)

- Cultavit® B3 FK: 450% RDA/g buckwheat
- Cultavit® B6 GF: 360% RDA/g buckwheat
- Cultavit® B9 GF: 450% RDA/g buckwheat
- Cultavit® B12 145 GF: 145% RDA/g buckwheat
- Cultavit® D3 FK or GF: 10.000 iU/g buckwheat
- Cultavit® S1 FK or GF: Zinc, Copper, Manganese (180% RDA/g buckwheat)
- Cultavit® S2 FK: Iron, Chromium, Molybdenum (90%, 180%, 180% RDA/g buckwheat)
- Cultavit® Fe 15 GF: 107% RDA/g buckwheat
- Cultavit® Se 1000 GF: Minimum 1000 µg per gram buckwheat
- Cultavit® Zn 200 GF: 200% RDA/g buckwheat

Bibliography:

Bioavailability of Vitamin B9 (Folic Acid) from sprouted buckwheat PI: Ao. Univ. Prof. Dr. Wilhelm MOSGÖLLER Medical University Vienna A-1090 Wien, Study Organizer: SCigenia Science Support GmbH Hahngasse 16/14, 1090 Vienna