

OmniVin 20R

>>> Grape Seed Extract OmniVin 20R Product data-sheet

OmniVin 20R is an ethanol based grape seed extract rich in monomeric and dimeric proanthocyanidins prepared from carefully selected grape seeds. This grade was specially developed for applications in the cosmetics or nutraceuticals industry.

OmniVin 20R is a 100 % natural material extracted from renewable plant materials sourced exclusively within Europe using dedicated strictly controlled equipment.

>>> PROPERTIES^(*)

▪ Appearance:	Red brown powder, free of visible impurities
▪ Botanical origin:	<i>Vitis vinifera</i> seed extract
▪ Odour:	Slight in solution, typical
▪ Polyphenols (on dry material):	min. 95 %
▪ Total catechins (monomers)	min. 30 %
▪ Total Procyanidin dimers (B1 – B4)	min. 7 %
▪ Moisture:	max. 8 %
▪ Ash content:	max. 2 %
▪ Insoluble fraction:	max 2 %
▪ Radical scavenging capacity (Trolox)	min 8000 µmol/g
▪ Heavy metals:	max 10 ppm

^(*) Only selected data is represented here, for a full set of specifications we refer to our **Specifications** sheet.

>>> USAGE

OmniVin 20R is among the most powerful natural anti-oxidants currently on the market with typical ORAC-values of 20000 µmol TE/g or higher.

As such it is a highly recommended product for application in which the anti-oxidant potential of foods, beverages or supplements must be fortified.

Grape seed extract is widely used as ingredient for supplements supporting the cardiovascular system and the polyphenols contained in them are considered (partially) responsible for the so-called French Paradox. In food supplements grape seed extracts are typically applied in a dosage of 100 – 200 mg/day.

OmniVin 20R is used in cosmetic skin-care formulations to impart anti-oxidant and/or anti-ageing effects to lotions or creams. It is also useful as an adjuvant in sun-screen formulations where it can help reduce UV-induced skin damage. Besides strong anti-oxidant and radical scavenging properties grape seed extracts

have mild exfoliating and bacteriostatic properties that make these products suitable for anti-acne or other applications involving inflammatory skin.

For labelling purposes according to the INCI name system OmniVin 20R should be referred to as Vitis vinifera extract.

Due to its strong anti-oxidant properties OmniVin 20R can also be used as a powerful aid for colour stabilisation in beverages containing anthocyanidin colorants (e.g. red wine, juices). Due to its natural affinity for anthocyanidins colour stabilisation is obtained.

>>> STORAGE AND HANDLING

OmniVin 20R does not require special storage conditions and has a shelf life of min. 5 years if stored in a dry area in its original closed packaging. The product is not frost sensitive and normal ambient storage temperatures (i.e. 5-25°C) suffice.

The product should not be stored in areas with a high relative humidity as the product – especially when the packaging material is not properly resealed – will pick up moisture from the air.

Due to the granular form OmniVin 20R produces little or no dust during handling.

>>> PACKAGING

OmniVin 20R is available as a granular product in 25 kg fibre drums lined with an inner Polyethylene bag.

>>> FURTHER INFORMATION

Further safety information is provided in our **Material Safety Data Sheet**.

Upon simple request a controlled copy of our **Specifications** can be provided by our QC-department.

Information on usage and applications can be found in our **Technical Leaflets**. Our R&D department can provide you further detailed information on composition and regulatory status.

Deliveries are accompanied by a **Certificate of Analysis**.

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EINECS/ELINCS Nr.	284-511-6

The information provided in this technical data sheet is based on the present state of our knowledge. Some of the applications mentioned in this document are protected by patent law. Ajinomoto OmniChem nv/sa cannot be held responsible for patent law infringements and the customer should contact the patent holder if so required. Due to the many process parameters involved we are not able to submit a general recommendation. It only shows without liability on our part the uses to which our products can be put. However, Ajinomoto Omnicem nv/sa cannot be held responsible for the consequences of the application of the above described product.