

QCT

>>> Tannic Acid QCT Product data-sheet

QCT is a blend of carefully selected hydrolysable and condensed tannins with a low to medium average molecular weight specially purified for applications in the food industry. This high quality grade was more particularly developed for applications in the wine industry.

QCT is a 100 % natural material extracted from renewable plant materials using dedicated strictly controlled equipment. No added preservatives or additives are used in the production of QCT.

>>> PROPERTIES(*)

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|------------------------------|--|
| ▪ Appearance: | dark brown granular powder, free of visible impurities |
| ▪ Odour: | slight in solution, tannin like. |
| ▪ Tannins (on dry material): | min. 65 % |
| ▪ Moisture: | max. 10 % |
| ▪ Ash content: | max. 4 % |
| ▪ Insoluble fraction: | max 2 % |
| ▪ Heavy metals: | max 20 ppm |

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

>>> USAGE

QCT has important anti-oxidant properties and is as such a powerful aid for colour stabilisation.

QCT is used as taste modification aid in red wines lacking sufficient tannins. By adding QCT a more full-bodied taste is obtained. Typical dosage levels are 5– 10 g/hl.

To prevent local over-dosage QCT is best added as a 3 -10 % solution. QCT easily dissolves in cold water or even better in hot water. QCT can also be dispersed in wine.

For detailed information on these applications we refer to the specific **Application Data Sheet** on this subject.

>>> STORAGE AND HANDLING

QCT 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 its granular form QCT produces little or no dust during handling.

>>> PACKAGING

QCT 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 **Application Data Sheets**. Our R&D department can provide you further detailed information on composition and regulatory status.

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

The information provided in this product 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 OmniChem nv/sa cannot be held responsible for the consequences of the application of the above described product.