

# ALSOK DAB 7

## >>> Tannic Acid ALSOK DAB 7 Product data-sheet

ALSOK DAB7 is a pure medium high molecular weight hydrolysable tannin specially purified for applications in the pharmaceutical, nutraceutical and cosmetics industry. ALSOK DAB7 is a 100 % natural material extracted from renewable plant materials using dedicated strictly controlled production facilities. . No added preservatives or additives are used in the production of ALSOK DAB7.

### >>> PROPERTIES<sup>(\*)</sup>

▪ Delivery form:	light yellow granular powder, free of visible impurities
▪ Odour:	slight in solution, typical tannic acid.
▪ Purity (on dry material):	min. 95 %
▪ Moisture:	max. 7 %
▪ Density:	0.35 – 0.45 g/cm <sup>3</sup>
▪ Solubility in H <sub>2</sub> O:	clear
▪ pH (1 % in water):	3 – 4
▪ Colour Gardner (1:10; alcohol):	max. 10

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

### >>> USAGE

ALSOK DAB7 is used in applications such as:

- anti-perspirants
- anti-allergy sprays
- preparation of albumine and berberine tannate
- ...

ALSOK DAB7 is in accordance with British, European and US pharmacopoeia among others.

ALSOK DAB7 easily dissolves in water or even better in hot water (e.g. 60°C). Solutions up to 50 % (m/V) can be prepared. However such solutions are viscous and can be difficult to handle. In practice ALSOK DAB7 is typically added as a 5 – 10 % (m/V) solution.

Shelf life of these solutions is related to concentration: 1 % (w/v) solution should be used within the same day, 5-10 % solution can be stored for 1 week at room temperature. 30 % solutions can be used for several months, assuming no micro-biological contamination occurs.

### >>> STORAGE AND HANDLING

ALSOK DAB7 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.

Prolonged exposure of ALSOK DAB7 to light can cause a gradual yellowing of the product. This colour shift has no influence on the technical performance of the product unless colour is a critical parameter in the final application. Storage of ALSOK DAB7 open to the atmosphere can result in moisture uptake from the surroundings. Therefore reseal the inner plastic bag and keep the lid on the fibre drum if ALSOK DAB7 is not in use.

Due to its granular form ALSOK DAB7 produces little or no dust during handling.

### >>> PACKAGING

ALSOK DAB7 is a spray-dried granular product available in 25 kg or 100 lbs 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. Every delivery is accompanied by a **Certificate of Analysis**.

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

CAS Nr.:	1401-55-4
EINECS/ELINCS:	215-753-2
FEMA-GRAS:	3042
FAO/WHO INS No:	181

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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.