

## SPECIFICATION BREWTAN® B

**Chemical name:** Polygalloyl glucoses, hydrolysable tannic acid

TEST	SPECIFICATION	METHOD
<b>Appearance</b>		
Delivery form: light yellow granular powder, free of visible impurities	Conform	Visual inspection
Odour: Slight in solution, typical tannic acid	Conform	Organoleptic evaluation
<b>Physical &amp; chemical properties</b>		
Tannic acid content (on dry material)	Min. 98 %	Hide powder
Gallic acid content (on dry material)	Max. 1,0 %	HPLC
Loss on ignition	Max. 0,1 %	Calcination
Loss on drying	Max. 7,0 %	IR-scales
Gardner colour (10 % m/V)	Max. 9	Gardner scale
Solubility (20 % m/V in water)	Clear	Visual inspection
Resin test	Clear	FCC
Gum test	Clear	FCC
Heavy metals		
Lead <sup>(1)</sup>	Max. 2 ppm	Elemental analysis
Arsenic <sup>(1)</sup>	Max. 1 ppm	Elemental analysis
Cadmium <sup>(1)</sup>	Max. 1 ppm	Elemental analysis
Mercury <sup>(1)</sup>	Max. 0,1 ppm	Elemental analysis

<sup>(1)</sup> Assessment by skip lot testing

Information provided in this specification sheet is representative for the present version of Brewtan B. These specifications only apply to the material delivered in the original, non-damaged and un-opened packaging. Conformity to these specifications does not imply conformity with (local) food or other legal requirements. It is the obligation of the end-user to verify compliance with said requirements. Brewtan B material is produced under a food-GMP quality system.

In agreement with internal Ajinomoto OmniChem NV procedures numerical limits provided in this specification are subject to normal rounding conventions: i.e. non-significant digits <5 are rounded down, digits ≥ 5 are rounded up.

In case accordance with external references is claimed Ajinomoto OmniChem NV reserves the right to use analytical method it deems best suited for the envisaged purpose, even if such methods differ from methods provided in said external standards or references. Such methods will be at least equivalent to those prescribed in the external reference.