



Specialized in chemicals

Hefei TNJ Chemical Industry Co.,Ltd.

B911 Xincheng Business Center,
Qianshan Rd. Hefei 230022 China

Tel : (0086) 551 65418695

Fax: (0086) 551 65418697

Email: info@tnjchem.com

Site: www.tnjchem.com

Technical Data Sheet

Tannic acid

1. DESCRIPTION

Tannic acid is a light yellow granular powder specially purified for food applications. This product is a 100% natural material extracted from renewable plant materials such as Oak wood.

- ◆ Specifically developed for the stabilisation of beer during the end filtration.
- ◆ Can be added in-line before end-filtration to improve colloidal stability by selectively removing haze forming proteins.

2. STORAGE AND SHELF LIFE

- Store away from direct sunlight
- Keep containers sealed when not in use
- Maximum storage temperature - 25° C
- Minimum storage temperature - 5 ° C
- The shelf life at the recommended storage temperature is 5 years from date of manufacture

3. PACKAGING

25 kg Bag

1 kg Bag

4 .USING THE PRODUCT

Tannic acid should be added to water to give a final concentration of 5-10%. Typical dosage levels are 1-2 g/hl and can be added in-line before end-filtration. Addition is done proportionally with a dosage pump.

Due to its granular form Tannic Acid easily dissolves in brewing water at room temperature.

5. GUIDELINES FOR USE

DO

- Check that the product is within its shelf life before use
- For more detailed information regarding beer stabilisation with Tannic Acid please do not hesitate to ask for our technical advice.

DO NOT

- Breathe Dust

6 .TECHNICAL SUPPORT

For Health & Safety information on this product, , please see the Materials Safety Data Sheet (MSDS)

For support and advice on the use of this product, please call or e-mail our Technical Administrator:-

Telephone: - + 44 (0)115 978 5494

E-Mail:- laboratory@murphyandson.co.uk

7. SPECIFICATION

Composition	High molecular weight hydrolysable tannic acid
Appearance	Light yellow granular powder
Odour	Practically odourless
Taste	Neutral / slight astringent taste
Density	0.35 -0.45 g/cm ³
Purity (on dry material - HPLC)	Min. 92%
Gallic acid (HPLC)	Max. 0.1%
Heavy metals (FCC IV)	Max. 20 ppm
Ash Content	Max. 0.01 %
Moisture	Max. 7 %
Colour Gardner (1:10; alcohol)	Max. 6
Solubility in H ₂ O	Clear
pH (1% in water)	3.5 - 4.5

8 .REFERENCE

Product	Tannic Acid	Product	Code Tana
Authorised by	C.J. Fleming	Formulation	FM08
Issue No.	1.0	Date	28/04/08

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