

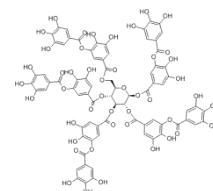
Technical Data Sheet

Basic information

Chemical name	Tannic acid
Synonyms	Tannic acid
CAS.No.	1401-55-4
EINECS No.	215-753-2
Molecular weight	1701.2

Formula
Chemical structure

C76H52O46



Physical properties

Appearance	Light yellow granular powder
Melting point, °C	218 ° C(lit.)
Flash point, °C	198 ° C
Solubility in water	250 g/L (20 ° C)

Specification

Specification	Beer brewing grade
Standard	FCC-IV
Appearance	Light yellow to brown yellow particle powder
Content	≥98%
Loss on drying	≤9%
Water insoluble	≤0.1%
Residue on ignition	≤0.2%
Heavy metal	15ppm
Arsenic	< 3ppm
Lead	< 5ppm
Mercury	< 1ppm
Gallic acid	≤0.6%
PH range	3-4
Soluble in water	transparent and clear
Production scale	600 T/Y
Packing	fiber drum, 10kg/drum

Specification	Food grade		
Standard	FCC-IV		
Content	≥93%	≥96%	≥98%
Loss on drying	≤9%	≤9%	≤9%
Water insoluble	≤0.2%	≤0.1%	≤0.1%
Residue on ignition	≤0.1%	≤0.1%	≤0.1%
Heavy metal	20ppm	15ppm	10ppm
Arsenic	< 3ppm	< 3ppm	< 3ppm
Lead	< 5ppm	< 5ppm	< 5ppm
Mercury	< 1ppm	< 1ppm	< 1ppm
Gallic acid	≤4%	≤2.5%	≤0.75%
Production scale	600 T/Y	300 T/Y	100 T/Y
Packing	fiber drum, 25kg/drum	fiber drum, 25kg/drum	fiber drum, 25kg/drum

Specification	Industrial grade	Dye grade	Medical grade
Standard	GB5308-85	GB5308-85	USP34/CP2010/BP2012
Appearance	Light yellow powder	Light yellow powder	Light yellow to light brown powder
Content	≥81%	≥83%	≥92%
Loss on drying	≤9%	≤9.0	≤12%
Water insoluble	≤0.6%	≤0.5%	≤0.1%
Gallic acid	-	≤7.0	
Residue on ignition	--		≤0.1%
Heavy metal	--		40ppm
Production scale	1500T/Y	600T/Y	300T/Y
Packing	kraft bag, 25kg/bag	kraft bag, 25kg/bag	fiber drum, 25kg/drum

Application

Leather Industry	It is suitable for tanning harness leather, sole leather and sheepskin. It is recommended to store it in a cool, dry, ventilated warehouse. It is better to be used in combination with other tanning agents
Dyeing	It can be used for tanning, fishing net dyeing, boiler cleaning, drilling, etc.
Medical	It can be used as antibiosis, dezymotize, detoxify etc.
Food & Cosmetic	Cosmetics and food antioxidant, clarifying agent of wines, and so on.
Analysis reagents	It can be used as analysis reagents as well as applied to the pharmaceutical industry.
Drilling	It can be used as a water-base drilling viscosity reducer and cement retarder.

Package

25kg/bag, 15mt/20"FCL without pallet, 12mt/20"FCL with pallets.
25kg/drum, 12mt/20"FCL without pallets, 9mt/20"FCL with pallets.

Safety on transportation

It belongs to common goods, always refer to MSDS.

Storage and handling

Keep tightly closed, store in a cool dry place.
Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

The information above is believed to be accurate and represents the best information currently available to us. However, In no event shall we be liable for any claims, losses, or damages of any third party resulting from its use.

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