



**PRODUCT CODE: 141065**

**Tannic Acid (USP, BP, Ph. Eur.) pure, pharma grade**

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CAS [1401-55-4]

EINECS 215-753-2

TARIC 3201 90 90 80

**SYNONYMS:** Galotannic acid, Galotannine, Tannine

**PHYSICAL DATA:** amorphous powder, Yellowish-white to light brown, Soluble in water. Thermal decom. 210 °C • pH(100g/l)3,5 •

**BIBLIOGRAPHY:** Merck Index **13**, 9.141 14, 9.052 Sax **TAD750** • Safety **2**, **3111 C** • ACS **XI** • BP.**2018** • USP **41** • Ph. Eur. **8.0** (2014) **9.0** (2017) • F.C.C **10 11** •

**HAZARDOUS:** RTECS: WW 5075000 • LD L0 oral mus 2.000 mg/kg • LD50 oral rat 2.260 mg/kg • LD50 ipr mus 360 mg/kg

**OBSERVATIONS:** Storage away from direct light. •

## **SPECIFICATIONS:**

Identity :

Identity according to Pharmacopoeias:

passes test

### **Maximum limit of impurities**

Appearance of solution

passes test

Insoluble matter in H2O

passes test

Loss on drying at 105°C

12,0%

Residue on ignition (as SO4)

0,1 %

Resinous substances

passes test

Residual solvents (Ph.Eur/USP)

passes test

Gum, dextrin, salts and sugars

passes test

Heavy metals (as Pb)	0,004%
As	0,0003 %
Cu	0,003 %
Ni	0,003 %
Pb	0,003 %

Residual metals (according to EMEA/CHMP/SWP/4446/2000): No metal catalysts are used in the manufacturing process.

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