



SPECIFICATION

Product Code : 12700

Product : BENZOIC ACID EXTRA PURE

$C_7H_6O_2$

M.W. 122.12

Assay (by acidimetry) Min. 99.5%

Melting Point 121.5-123.5°C

Maximum Limits of Impurities :

Sulphate (SO_4) 0.02%

Heavy metals (as Pb) 0.001%

Arsenic (As) 0.0002%

Copper (Cu) 0.0025%

Lead (Pb) 0.0005%

Zinc (Zn) 0.0025%

Halogenated compounds

(chlorobenzoic acid) (as Cl) 0.01%

Impurities oxidizable passes test

Cinnamic acid passes test

Reaction against sulphuric acid passes test

Water 0.7%

Sulphated ash 0.05%

CAS No. 65-85-0 Un No. NR TARIFF : 2916 31 10

R : 22 - 36 S : 24 F : 4