



PRODUCT CODE: 143209

Paraffin M.P. 51-53°C pellets (USP-NF, BP, Ph. Eur.) pure, pharma grade

CAS [8002-74-2]

EINECS 232-315-6

TARIC 2712 20 90 00

PHYSICAL DATA: pellets, White, Insoluble in water M.P.: 53 °C • B.P.: 350 °C • Flash P.:210 °C •

BIBLIOGRAPHY: Merck Index **12**, 7.155 13, 7.093 Römp **8** , **2991** • BP.**2018** • USP -**NF 36** • Ph. Eur. **8.0** (2014) **9.0** (2017) 6.5 • F.C.C **10 11** • Royal Decree I1418 •

HAZARDOUS: RTECS: RV 0350000 • VLA-ED 2 mg/m3

OBSERVATIONS: Storage away from direct light. •

SPECIFICATIONS:

Identity :

Identity according to Pharmacopoeias:

passes test

Melting range

51-55°C

Maximum limit of impurities

Acidity or alkalinity

passes test

Insoluble matter in C8H10

passes test

Darkened substances by H2SO4

passes test

Residue on ignition

0,05 %

Sulfur compounds

passes test

Sulfate (SO4)

0,015%

Reaction

passes test

Residual solvents (Ph.Eur/USP)

passes test

Polycyclic aromatic hydrocarbons

passes test

Elemental impurities (ICH Q3D):

Class 1

Cd	25 ppm
Pb	25 ppm
As	1,5 ppm
Hg	25 ppm

Class 2A

Co	25 ppm
V	25 ppm
Ni	25 ppm

Class 2B

Tl	25 ppm
Au	25 ppm
Pd	25 ppm
Ir	25 ppm
Os	25 ppm
Rh	25 ppm
Ru	25 ppm
Se	25 ppm
Ag	25 ppm
Pt	25 ppm

Class 3

Li	55 ppm
Sb	120 ppm
Ba	140 ppm
Mo	25 ppm
Cu	250 ppm
Sn	600 ppm
Cr	25 ppm