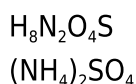


**PRODUCT CODE: 131140****Ammonium Sulfate (Reag. USP, Ph. Eur.) for analysis, ACS, ISO**

M.= 132,14 CAS [7783-20-2] EINECS 231-984-1
TARIC 3102 21 00 00

PHYSICAL DATA: crystalline powder, White, Soluble in water 760 g/l at 20 C Thermal decom. above 280 C · D 1,769
· M.P.: 280 C · pH5 - 6 ·

BIBLIOGRAPHY: Merck Index **13**, 559 Sax **ANU750** · Rmp **8** , **192** · ACS **XI** · ISO 6353-3/1987 R - 45 , 8 · USP **42** ·
F.C.C **11 12** · BOE **243**(8-10-2009) · Regulation (EU) n 231/2012 ·

HAZARDOUS:RTECS: BS 4500000 ▪ LD50 oral mus 640 mg/kg · LD50 oral rat 2.840 mg/kg · LD50 ipr mus 610 mg/kg

SPECIFICATIONS:

Minimum assay (Acidim.) 99,0%

pH of 5% solution 5,0-6,0

Maximum limit of impurities

Insoluble matter in H2O	0,005 %
Loss on drying at 100C	0,1%
Residue on ignition (as SO4)	0,005 %
Chloride (Cl)	0,0005%
Phosphate (PO4)	0,0005 %
Nitrate (NO3)	0,001%
As	0,00002 %
Heavy Metals (ICP-OES)	0,0005 %

Metals by ICP [in mg/Kg (ppm)]

Ag	5
Al	5
Au	5
B	5
Be	5
Bi	5
Cd	5
Co	5
Cr	5
Cu	5
Fe	5
Ga	5
Ge	5
Hg	5
In	5
Mg	5
Mn	5
Mo	5
Na	20
Ni	5
Pb	5
Pt	5
Sb	5
Si	5
Sn	5
Sr	5
Ti	5
Tl	5
V	5
Zn	2
Zr	5

Ed.: 8 . Vig.: 05.03.2021 .

Prod.: 131140

DOMINIQUE DUTSCHER SAS