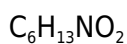


**PRODUCT CODE: 63B764****6-Aminohexanoic Acid (Ph. Eur., BP, USP) GMP - IPEC grade**

M.= 131,18

CAS [60-32-2]

EINECS 200-469-3

TARIC 2922 49 85 90

SYNONYMS: 6-Aminocaproic Acid, EACA, e-Aminocaproic Acid**PHYSICAL DATA:** crystalline powder, White, in water at 20°C Thermal decom. > 200 °C • M.P.: 205 °C • pH(5% solution) 7,0 - 7,5 • Flash P.: 207 °C •**BIBLIOGRAPHY:** Merck Index **13**, 431 Sax **6205** • Beilstein **4 IV**, **2695** • BRN 906872 • BP.**2018** • USP **41** • Ph. Eur. **8.0** (2014) **9.0** (2017) •**HAZARDOUS:** RTECS: MO6300000 • LD50 oral dog >7.000 mg/kg • LD50 oral mus 14.300 mg/kg • LD50 oral rat 3.400 mg/kg • LD50 ivn mus 4.900 mg/kg LD50 ipr rat 7.000 mg/kg LD50 ivn rat 3.300 mg/kg**SPECIFICATIONS:**

Assay (Perchl. Ac.) calc. a.d.s.

98,5-101,0%

Assay (HPLC.) calc. a.d.s.

98,5-101,5%

Identity :

Identity according to Pharmacopoeias:

Identity IR

passes test

Identity (B Ph. Eur)

passes test

Identity (C Ph. Eur)

passes test

Identity (D Ph. Eur)

passes test

pH sol. 20%

7,5-8,0

Maximum limit of impurities**ABS**

at λ 287 nm 20% sol.	0,10
at λ 450 nm 20% sol.	0,03
at λ 287 nm (98-102°C , 72 h, 20% sol.)	0,15
at λ 450 nm (98-102°C , 72 h, 20% sol.)	0,03

Appearance of solution

Appearance Colourless (initial, 24h) passes test

Appearance Clear (initial, 24h) (< formazin I) passes test

Loss on drying at 105°C 0,5%

Residue on ignition (as SO₄) 0,1 %

Residual solvents (Ph.Eur/USP) passes test

Ninhydrin positive substances 0,5%

Water (H₂O) 0,5%

Heavy metals (as Pb) 0,001%

Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)

Class 1A (Pt, Pd) 10 ppm

Class 1B (Ir, Rh, Ru, Os) 10 ppm

Class 1C (Mo, Ni, Cr, V) 25 ppm

Class 2 (Cu, Mn) 250 ppm

Class 3 (Fe, Zn) 1.300 ppm