

AEBSF hydrochloride (4-(2-Aminoethyl) benzenesulphonylfluoride hydrochloride)

Warning

H319 H335 H315
P280 P302+P352 P304+P340 P305+P351+P338
P309+P311

CAS 30827-99-7

UN: 3261

ADR 8,II

C₈H₁₁ClFNO₂S

Storage Temperature: 2 - 8 °C



AEBSF hydrochloride (4-(2-Aminoethyl) benzenesulphonylfluoride hydrochloride), ultrapure

An irreversible serine protease inhibitor of chymotrypsin, trypsin, kallikrein, plasmin and thrombin. Useful as a non-toxic alternative to PMSF.

Purity (Titration)..... 98 %
Solubility (0.02%, Water) PASS

Cat. No.	Pk	Pack type
J582-50MG	50 mg	Glass bottle
J582-250MG	250 mg	Glass bottle
J582-500MG	500 mg	Glass bottle

Aerosol® OT

See Docusate sodium p.156

Aesculin sesquihydrate

6,7-Dihydroxycumarin-6β-D-glucopyranoside sesquihydrate

CAS 66778-17-4

EINECS: 208-517-5

C₁₅H₁₆O₈ · 1,5H₂O

M.W. 367.31 g/mol

Melting Pt: 203 to 205 °C

Aesculin sesquihydrate TECHNICAL

Spec. opt. rot. (2 %; dioxan/water 50/50) -87.5 to -84.0 °
Water 7.0 to 8.5 %

Cat. No.	Pk	Pack type
23676.124	10 g	Plastic bottle for solids

Aethoform

See Benzocaine (Ethyl 4-aminobenzoate) p.63

AFA

See Histological Fixative A.F.A. p.218

Agar

Agar Agar

CAS 9002-18-0

EINECS: 232-658-1

Melting Pt: 90 °C

Storage Temperature: Ambient temperature

Agar, powder for bacteriology

Clarity after autoclaving (*) Max. 8 NTU
Clarity before autoclaving Max. 10 NTU
Gelling point (1.5 %; water) (*) 35 to 37 °C
Gel strength (1.5 %; water) (*) Min. 900 g/cm²
pH after autoclaving (1.5 %) (*) 6.0 to 7.0
pH before autoclaving (10 %) 6.5 to 7.2
Ignition residue (SO₄) Max. 5 %
As (Arsenic) Max. 5 ppm
Pb (Lead) Max. 2 ppm
(*) : tested on a 1.5 % solution after autoclaving (121 °C) and cooled to 60 °C

Cat. No.	Pk	Pack type
20767.232	250 g	Plastic bottle for solids
20767.298	1 kg	Plastic bottle for solids

Agar, powder TECHNICAL

Identification Passes test

Cat. No.	Pk	Pack type
20768.235	250 g	Plastic bottle for solids
20768.292	1 kg	Plastic bottle for solids
20768.361	5 kg	Bucket (Plastic)

Agarose

CAS 9012-36-6

EINECS: 232-731-8

Melting Pt: 60 to 90 °C

Storage Temperature: Ambient temperature

Agarose DNA Grade Electran® for electrophoresis

DNA grade agarose is suitable for the majority of routine DNA separations. For applications where a more stringent specification is required use Agarose molecular biology grade.

- DNase and RNase free

DNA binding Passes test
Electroendosmosis (-Mr) Max. 0.15
Gelling temperature (1.5 %; water) 34 to 37 °C
Gel strength (1.5 %; water) Min. 2100 g/cm²
Ignition residue Max. 1 %
Loss on drying Max. 10 %

Cat. No.	Pk	Pack type
438792U	100 g	Plastic bottle
438795A	1 kg	Plastic bottle

Agarose DNA Pure Grade Electran® for electrophoresis

Agarose DNA pure grade ensures reliable digestion and ligations from recovered DNA or RNA fragments from 100 bp to 25 kb. It is particularly suitable for both preparative and analytical separation procedures with nucleic acids ≥1000 base pairs, where a low melting point is not required. The agarose gives rise to firm gels even at low concentrations and gives low background after ethidium bromide staining.

- Best choice for DNA/RNA recovery and cloning applications
- DNase and RNase free

DNA binding None
DNase/RNase Not detected
Electroendosmosis (-Mr) -0.14 to -0.08
Gel strength (1.5 %; water) Min. 2300 g/cm²
Gelling temperature (1.5 %; water) 34 to 37 °C
SO₄ (Sulphate) Max. 0.09 %

Cat. No.	Pk	Pack type
443666A	500 g	Plastic bottle