Erythromycin (E-Mycin), white crystalline powder

Fisher BioReagents®

Erythromycin is used as an inhibitor in cell-free protein biosynthesis.

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Catalogue No	Quantity
BPE920-25	25g

$C_{37}H_{67}NO_{13}$ M.W. 733.94

Product specification

pH of a 0.4% solution in 5% methanol in water	8.0 to 10.5
IR	Conforms to standard

For research and development use only.

Ethanol
CAS 64-17-5

Flash point	12°C	UN number	1170
Risk	11	Class	3
Safety	7, 16	Pack group	II
First aid	Std.	EINECS	200-578-6
Fire	C, P, W, H		
Spillage	A, C, F, I		
Disposal	5, 6, 7		

Ethanol Molecular Biology grade

Fisher BioReagents®

Used to precipitate nucleic acids.

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Catalogue No	Quantity
BPE2818-100	100mL
BPE2818-500	500mL
BPE2818-4	4L

Product specification

Appearance	Colorless liquid
Infrared Spectrum	Conforms
Purity (Assay)	99.5% by Volume
Impurity (Benzene by GC)	≤2ppm
DNase	Pass test
RNase	Pass test
Protease	Pass test
ACS Specifications	Meets ACS Specifications
Colour (APHA)	10 Maximum
Solubility in Water	Pass test
Acetone, IPA	Pass test
Residue after evaporation	0.001% Maximum
Titrable acid	0.0005 meq/g
Titrable base	0.0002 meq/g
Substances darkened by sulfuric acid	Pass test
Substances reducing permanganate	Pass test
Water (KF)	≤0.2%
Methanol	0.1% Maximum

Ethidium® bromide
CAS 1239-45-8

Risk	22, 26, 36/37/38, 68	UN number	2811
Safety	26, 28, 36/37/39, 45	Class	6.1
First aid	Std.	Pack group	I
Fire	C, P, F, W	EINECS	214-984-6
Spillage	C, K, H		
Disposal	9, 19		

Ethidium® bromide (Homidium Bromide) Molecular Biology grade

Fisher BioReagents®

Used for fluorometric detection of double standard nucleic acid. Also acts as an RNA polymerase inhibitor, and in separation of high molecular weight DNA's.

32

Catalogue No	Quantity
BPE102-1	1g
BPE102-5	5g

$C_{21}H_{20}N_3Br$ M.W. 394.33

Product specification

Solubility	Passes test
Loss on drying at 105°C	≤5%
E1%/cm	≥100L $g^{-1}cm^{-1}$
Lambda max. (λ)	480nm ±2nm
DNase	Not detected
RNase	Not detected
Protease	Not detected

Ethidium® bromide solution

Risk	23, 68	UN number	2810
Safety	24/25, 26, 28	Class	6.1
First aid	Std	Pack group	III
Spillage	C,H		
Disposal	9,19		

Ethidium® bromide solution, 0.625mg/mL, dropper bottle

Fisher BioReagents®

Ethidium bromide is an intercalating dye used for staining of nucleic acids in electrophoresis gels and in caesium chloride density gradients.

NEW

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Catalogue No	Quantity
BPE9742-10	each

$C_{21}H_{20}N_3Br$ M.W. 394.33

Appearance; clear reddish brown liquid