

Absolute Ethanol (200 proof) Molecular Biology Grade

Catalog No.	Volume
BP2818-100	100mL
BP2818-500	500mL
BP2818-4	4L

Fisher BioReagents Absolute Ethanol (200 proof) is an ultrapure molecular biology grade ethanol used for the purification and precipitation of biomolecules such as nucleic acids and proteins.

Also, it is used in histology to prepare staining and destaining reagents and for dehydrating tissues prior to embedding.

KEY FEATURES

1. 200 proof, absolute ethyl alcohol
2. Tested for DNase, RNase, and Protease to ensure absence of these hydrolyzing enzymes
3. Meets the ACS specifications for Absolute Ethyl Alcohol
4. All federal taxes paid
5. 0.2 micron filtered
6. Water $\leq 0.2\%$
7. Variety of product pack sizes to meet various laboratory needs

APPLICATIONS

1. Purification and precipitation of nucleic acids (DNA and RNA) and proteins
2. Preparation of staining and destaining solutions
3. Dehydration of cells and tissues prior to paraffin wax embedding
4. Extraction medium
5. Chromatographic reagent

LABORATORY MARKETS

1. Academic labs (cell and molecular biology)
2. Biotech industry
3. Pharmaceutical industry
4. Government research labs



PRODUCT SPECIFICATIONS

	Fisher BioReagents
Name of product	Absolute Ethanol (200 proof), Molecular Biology Grade
Product Part Numbers and Package Configurations	BP2818-100, 100mL, amber glass bottle BP2818-500, 500mL, amber glass bottle BP2818-4, 4L, amber glass bottle
Appearance	Colorless liquid
Infrared Spectrum	Conforms
Purity (Assay)	$\geq 99.5\%$ by Volume
Impurity (Benzene by GC)	≤ 2 ppm
DNase	Not Detected
RNase	Not Detected
Protease	Not Detected
Color (APHA)	10 Maximum
Solubility in Water	Pass test
Acetone, IPA	Pass test ~ 0.001% Acetone ~ 0.003% IPA
Residue after evaporation	0.001% Maximum
Titration acid	0.0005 meq/g Maximum
Titration base	0.0002 meq/g Maximum
Substances darkened by sulfuric acid	Pass test
Substances reducing permanganate	Pass test
Water (KF)	$\leq 0.2\%$
Methanol	0.1% Maximum

RELATED PRODUCTS

The following BioReagents are complementary to molecular biology research applications and can be bundled with Fisher BioReagents™ Absolute Ethanol (200 proof), Molecular Biology Grade

SUREPREP™ NUCLEIC ACID PURIFICATION KITS

Catalog #	Product Description
BP2800-50	TrueTotal™ RNA Purification Kit
BP2801-25	Small RNA Purification Kit
BP2802-50	RNA/DNA/Protein Purification Kit
BP2803-50	Urine Exfoliated Cell RNA Purification Kit
BP2804-50	Urine Bacterial RNA Purification Kit
BP2805-50	Nuclear Or Cytoplasmic RNA Purification Kit
BP2806-50	RNA/Protein Purification Kit
BP2807-50	Leukocyte RNA Purification Kit
BP2809-50	RNA Cleanup and Concentration Kit
BP2814-25	Water RNA/DNA Purification Kit
BP2815-50	Soil DNA Isolation Kit
BP2816-50	FFPE RNA Isolation Kit
BP2817-50	Plant/Fungi Total RNA Purification Kit

OTHER FISHER BIOREAGENTS FUNCTIONALLY TESTED FOR MOLECULAR BIOLOGY RESEARCH

Catalog #	Product Description
BP160-100	Agarose, Low EEO, Multipurpose, 100g
BP1360-100	Agarose, Low Melting, <1kb RNA, 100g
BP1356-100	Agarose, Broad Separation Range for RNA, 100g
BP2900-500	MOPS 10X Solution, 500mL
BP2900-1	MOPS 10X Solution, 1L
BP1302-10	Ethidium Bromide, 1% Solution, 10mL
BP2483-100	EDTA 0.5 M (DEPC-treated), 100mL
BP2483-1	EDTA 0.5 M (DEPC-treated), 1L
BP2483-500	EDTA 0.5 M (DEPC-treated), 500mL
BP2484-50	Water, Sterile (DEPC-treated) 50mL
BP2484-100	Water, Sterile (DEPC-treated) 100mL
BP561-1	Water, Sterile (DEPC-treated) 1L
BP2476-100	Tris-EDTA, 1X Solution, pH 7.4, 100mL
BP2476-500	Tris-EDTA, 1X Solution, pH 7.4, 500mL



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