

U.S. EMBASSY, ADDIS ABABA

Invitation to Quote PR9199526

The Embassy of the United States of America, Addis Ababa, Ethiopia, invites all eligible bidders to provide quotation for Molecular Grade Ethanol 500ml as per the below specification or **equivalent**:

The quotation should contain the following information:

- 1- Requisition Number: **on the** subject of the email PR9199526
- 2- Full address of the supplier with DUNS # and must be registered on SAM
- 3- Delivery place either of the following two options
 - 3.1- North Brunswick, NJ 08902 USA or
 - 3.2- Addis Ababa airport
- 4- Shipping cost
- 5- Delivery date of the product to the destination

Eligible suppliers can submit their price quotation including all costs to AddisGSOProcurement@state.gov , **Attn to: Samuel Zewge** before June 17, 2020 COB.

Item description:

Ethanol, Absolute (200 Proof), Molecular Biology Grade, Fisher Bioreagents 500mL, Poly Bottle.....600 Bottle

Specifications

Acetone and Isopropyl Alcohol	Pass Test
Assay Percent Range	Assay: ≥99.5% (v/v)
Linear Formula	C ₂ H ₅ OH
Merck Index	15, 3814
Benzene	2ppm max.
Formula Weight	46.07
Physical Form	Liquid
Percent Purity	≥99.5%

Grade	DNase-, RNase- and Protease-Free
Description	For nucleic acid purification and precipitation. Ultrapure molecular biology grade ethanol is used for the purification and precipitation of biomolecules such as nucleic acids and proteins. It is also used in histology to prepare staining and destaining reagents and for dehydrating tissues prior to embedding.
DNase	DNase free
Identification	Pass Test
Infrared Spectrum	Conforms to reference
Methanol	0.1% max.
Packaging	Poly Bottle
Protease	Protease free
Residue after Evaporation	0.001% max.
Solubility in Water	Pass Test
Substances Darkened by H ₂ SO ₄	Pass Test
Substances Reducing Permanganate	Pass Test
Titrateable Acid	0.0005 mEq /g max.
Titrateable Base	0.0002 mEq /g max.
Water	0.2% max.
RNase	Not Detected
Flash Point	12°C (53.6°F)
Boiling Point	78°C
Color	Colorless
Melting Point	-114°C
Quantity	500mL
Chemical Name or Material	Ethanol, Absolute (200 Proof)

Show More Show Less

Quantity:**100mL****500mL****4L****Packaging:****Glass Bottle****Poly Bottle****Catalog No.** BP2818500

- **\$82.00** / Each
- **\$394.00** / Case of 6 EA

CAS 64-17-5

Molecular Formula C₂H₆OMolecular Weight 46.069
(g/mol)

InChI Key Lfqscwfljhtthz-UHFFFAOYSA-N

Synonym ethyl alcohol, alcohol, methylcarbinol, grain alcohol, ethyl hydroxide, ethyl hydrate, algrain, alkohol, anhydrol, tecsol

PubChem CID 702ChEBI CHEBI:16236

IUPAC Name ethanol

SMILES CCO