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## PRODUCT SPECIFICATION

Product Description	Ethanol Denatured with IPA HPLC Grade
Product Code	IETOH010-2.5, IETOH010-4.0
Synonyms	Ethyl Alcohol, Reagent alcohol
Molecular Formula	$C_2H_6O$
Molecular Weight	46.07
CAS Number (Ethanol)	64-17-5
CAS Number (Methanol)	67-63-0

TEST	UNIT	SPECIFICATION
Purity of Ethanol before Denaturing	%	$\geq 99.5$
IPA as Denaturant	%	$\leq 5.0$
Water by Karl Fisher	%	$\leq 0.2$
Titration Acid	meq/g	$\leq 0.0002$
Titration Base	meq/g	$\leq 0.0002$
Permanganate Time		Pass
Solubility in Water		Pass
Residue after Evaporation	ppm	$\leq 1$
UV Absorbance		
210	nm	$\leq 1.00$
220	nm	$\leq 0.50$
230	nm	$\leq 0.20$
250	nm	$\leq 0.05$
270	nm	$\leq 0.01$
400	nm	$\leq 0.01$

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