



**LIQUOR DISTILLERY ORGANIZATION**

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**PRODUCT SPECIFICATION**

**PRODUCT NAME: ABSOLUTE L**

**IUPAC NAME: ETHANOL 99.8% v/v**

**ETHANOL FOR PHAMACEUTICAL, FOOD AND INDUSTRIAL USE**

<b>Characteristic</b>	<b>Specification</b>
Ethanol content at 20°C	≥ 99.8 %v/v
Specific gravity at 20°C	0.790 - 0.793
Appearance	Colorless, clear, Volatile, Flammable liquid, Hygroscopic.
Clarity of Solution	The same clarity as that of water or their opalescence is not more pronounced than that of Standard suspension A.
Solubility	Miscible with water and with methylene chloride.
Color of solution	≤ 10 Hazen
Identity (IR)	Conforms
Boiling point	78 °C
Acidity or Alkalinity	≤ 30 ppm
Absorbance :	
at 240 nm	≤ 0.40
between 250nm and 260nm	≤ 0.30
between 270nm and 340nm	≤ 0.10
The absorption curve is smooth	Conforms
Water	≤ 0.2 %
Volatile impurities :	
Acetaldehyde and acetal, expressed as acetaldehyde	≤ 10 ppm
Benzene	≤ 2 ppm
Methanol	≤ 200 ppm
Total of other impurities	≤ 300 ppm
Residue on evaporation	≤ 25 ppm
Lead (Pb)	≤ 0.5 ppm

Refer to BP, JP, USP, Ph. Eur, FCC and TIS640-2553

Mr. Sunun Pultanakit

Production Department Chief

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