



SPECIFICATION SHEET

Product Name	:	tert-Butanol, for analysis ACS, Reag. Ph Eur.
Product Number	:	908.036
Brand	:	ISOLAB
CAS Number	:	75-65-0
Formula	:	C ₄ H ₁₀ O
Formula Weight	:	74.12 g/mol

TEST NAME	SPECIFICATION	UNIT
Purity (GC)	≥ 99.5 %	%
Identity (IR)	passes test	
Appearance	Clear	
Colour	≤ 10 Hazen	Hazen
Acidity	≤ 0.0005 meq/g	meq/g
Alkalinity	≤ 0.0002 meq/g	meq/g
Boiling range (81-83 °C)	≥ 95 % (v/v)	
Aldehydes and ketones (as formaldehyde)	≤ 0.01 %	%
Melting point	24.0 - 26.0 °C	°C
Al (Aluminium)	≤ 0.00005 %	%
B (Boron)	≤ 0.000002 %	%
Ba (Barium)	≤ 0.00001 %	%
Ca (Calcium)	≤ 0.00005 %	%
Cd (Cadmium)	≤ 0.000005 %	%
Co (Cobalt)	≤ 0.000002 %	%
Cr (Chromium)	≤ 0.000002 %	%
Cu (Copper)	≤ 0.000002 %	%
Fe (Iron)	≤ 0.00001 %	%
Mg (Magnesium)	≤ 0.00001 %	%
Mn (Manganese)	≤ 0.000002 %	%
Ni (Nickel)	≤ 0.000002 %	%
Pb (Lead)	≤ 0.00001 %	%
Sn (Tin)	≤ 0.00001 %	%
Zn (Zinc)	≤ 0.00001 %	%
Evaporation residue	≤ 0.001 %	%
Water	≤ 0.1 %	%

Quality Management
Isolab Laborgerate GmbH

