

**GMP & ISO 9001 Quality System Certified Organization****MANUFACTURER & EXPORTER OF LABORATORY CHEMICALS AND OILS****Address : H.No.712/3, sainagar, Palghar mumbai 401102**✉ sales@ultrapurelab.com / info@ultrapurelab.com☎ / 📞 [+91 7058322540](tel:+917058322540) / [+91 7378378726](tel:+917378378726)🌐 www.ultrapurelab.com**CERTIFICATE OF ANALYSIS****Name of Item:** sec-BUTYL ALCOHOL AR (2-butanol)**Formula:** C₄H₁₀O

(butan-2-ol)

M.W.: 74.12**Batch No.:****CAS NO.:** 78-92-2**Cat. No.:** UP0872**Date of Mfg.:****Date of Analysis:**

Type of Test	Standard	Observed
Description	Clear Colourless liquid	Clear Colourless liquid
Assay (GC)	Min. 99.5%	99.8%
Colour	<10 Hz	<10 Hz
Water	<0.2%	0.1%
Acidity (CH ₃ COOH)	<0.003%	<0.003%
Alkalinity	<0.02 ml N%	NIL
Non-volatile matter	<0.001%	<0.001%
Butanone (CH ₃ CH ₂ COCH ₃)	<0.1%	0.08%
Di-n-butyl ether [(C ₄ H ₉) ₂ O]	<0.2%	<0.2%
2-Methylpropan-2-ol	<0.1%	<0.1%
Propan-2-ol [(CH ₃) ₂ CHOH]	<0.2%	<0.2%
Aluminium (Al)	<0.00001%	<0.00001%
Barium (Ba)	<0.00001%	0.0000075%
Cadmium (Cd)	<0.000005%	<0.000005%
Calcium (Ca)	<0.00005%	<0.00005%
Chromium (Cr)	<0.000002%	<0.000002%
Cobalt (Co)	<0.000002%	0.000001%
Copper (cu)	<0.000002%	<0.000002%
Iron (Fe)	<0.00001%	<0.00001%
Magnesium (Mg)	0.000005%	0.000004%
Manganese (Mn)	<0.000002%	<0.000002%
Nickel (Ni)	<0.000002%	<0.000002%

Results : The above product complies with AR grade