

Material	20798.295
Material description	3-Methyl-1-butanol
Grade	AnalaR NORMAPUR analytical reagent
CAS Number	123-51-3
Molecular formula	(CH ₃) ₂ CHCH ₂ CH ₂ OH
Molecular mass	88.15

Characteristics	Specifications
Assay (calculated as mixture of isomers)	≥ 99.0 %
Acidity	≤ 0.008 meq/g
Alkalinity	≤ 0.0008 meq/g
Boiling point	131.0 - 132.5 °C
Colouration	≤ 10 APHA
Density (20/4)	0.808 - 0.812
Acidity and esters (as C ₇ H ₁₄ O ₂)	≤ 0.17 %
Evaporation residue	≤ 10 ppm
Furfuraldehyde	≤ 1 ppm
Pentan-1-ol	≤ 0.5 %
Peroxides (as H ₂ O ₂)	≤ 10 ppm
Water	≤ 0.2 %
Al (Aluminium)	≤ 0.5 ppm
B (Boron)	≤ 0.02 ppm
Ba (Barium)	≤ 0.1 ppm
Ca (Calcium)	≤ 0.5 ppm
Cd (Cadmium)	≤ 0.05 ppm
Co (Cobalt)	≤ 0.02 ppm
Cr (Chromium)	≤ 0.02 ppm
Cu (Copper)	≤ 0.02 ppm
Fe (Iron)	≤ 0.1 ppm
Mg (Magnesium)	≤ 0.1 ppm
Mn (Manganese)	≤ 0.02 ppm
Ni (Nickel)	≤ 0.02 ppm
Pb (Lead)	≤ 0.1 ppm
Sn (Tin)	≤ 0.1 ppm
Zn (Zinc)	≤ 0.1 ppm



Product Specification

Signature

We certify that this batch conforms to the specifications listed above.

This document has been produced electronically and is valid without a signature.

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