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| Material | 20798.295 |
| Material description | 3-Methyl-1-butanol |
| Grade | AnalaR NORMAPUR analytical reagent |
| CAS Number | 123-51-3 |
| Molecular formula | $(\text{CH}_3)_2\text{CHCH}_2\text{CH}_2\text{OH}$ |
| 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 $\text{C}_7\text{H}_{14}\text{O}_2$) | ≤ 0.12 % |
| Evaporation residue | ≤ 10 ppm |
| Furfuraldehyde | ≤ 1 ppm |
| Pentan-1-ol | ≤ 0.5 % |
| Peroxides (as H_2O_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.

Isabelle Habay, Head of Laboratory - Briare
VWR International S.A.S.; Z.I. de Vaugereau; FR-45250
Briare; France