



Material	20742.293
Material description	Trichloroacetic acid
Grade	AnalaR NORMAPUR ACS, Reag. Ph. Eur.
Lot	23J054113
Expires end of	2025-Oct-02
CAS Number	76-03-9
Molecular formula	C ₂ HCl ₃ O ₂
Molecular mass	163.39

Characteristics	Specifications	Measured values
Assay	≥ 99.5 %	99.8 %
Clarity of solution	Passes test ACS	Passes test ACS
IR Spectrum	Passes test	Passes test
Substances coloured by H ₂ SO ₄	Passes test	Passes test
Melting point	≥ 57 °C	≥ 57 °C
Heavy metals (as Pb)	≤ 20 ppm	≤ 20 ppm
Ignition residue (SO ₄)	≤ 0.03 %	0.02 %
Insolubility in water	≤ 50 ppm	≤ 50 ppm
Cl (Chloride)	≤ 10 ppm	≤ 10 ppm
NO ₃ (Nitrate)	≤ 20 ppm	≤ 20 ppm
PO ₄ (Phosphate)	≤ 5 ppm	≤ 5 ppm
SO ₄ (Sulphate)	≤ 0.02 %	≤ 0.02 %
Cu (Copper)	≤ 5 ppm	≤ 5 ppm
Fe (Iron)	≤ 10 ppm	≤ 10 ppm
Conforms to ACS	Passes test	Passes test
Conforms to Reag. Ph.Eur.	Passes test	Passes test

Signature

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

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

Jessie Pijck, Head of Laboratory - Haasrode
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