



Material 20742.236
 Material description Trichloroacetic acid
 Grade AnalaR NORMAPUR ACS, Reag. Ph. Eur.

Lot 23B064107
 Expires end of 2024-Nov-24
 CAS Number 76-03-9
 Molecular formula C₂HCl₃O₂
 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	58 °C
Heavy metals (as Pb)	≤ 20 ppm	≤ 20 ppm
Ignition residue (SO ₄)	≤ 0.03 %	< 0.01 %
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	1 ppm
Fe (Iron)	≤ 10 ppm	2 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.

Anja Vanhalle, Head of Laboratory - Haasrode
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