

Specification

Item number: X888

tri-Potassium citrate monohydrate

≥99 %, Ph. Eur., USP

CAS No.: 6100-05-6

print date: 01.01.2024

formula: $C_6H_5K_3O_7 \cdot H_2O$

density: 1,98

molecular weight: 324,4 g/mol

Guarantee analysis

Appearance	white crystals
Assay (dry substance)	99.0-100.5 %
Identity	complies
Appearance of solution	complies
pH-value (5 % in H ₂ O)	7.5-9.0
Alkalinity/acidity	complies
Chloride (Cl)	≤0.005 %
Sulphate (SO ₄)	≤0.015 %
Oxalate (as C ₂ H ₂ O ₄)	≤0.01 %
Tartrate (C ₄ H ₄ O ₆)	complies
Arsenic (As)	≤0.0001 %
Lead (Pb)	≤0.0001 %
Sodium (Na)	≤0.3 %
Mercury (Hg)	≤0.0001 %
Water (KF)	4.0-7.0 %
Loss on drying (180 °C/ 4h)	3.0-6.0 %
Reaction with H ₂ SO ₄	complies

Our products are tested for laboratory use only.

The stated information refers to the current status of product quality.

We reserve the right to implement necessary changes.

Dr. R. Niemand

Head of Quality Assurance

S. Lorsee

Head of Quality Management

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