



Tri-Potassium Citrate Monohydrate

Chemical formula: $C_6H_5K_3O_7 \cdot H_2O$

CAS No.: 6100-05-6

Rel. mol. weight: 324.42

EINECS No.: 2319050

E-No.: E332

Quality standard:

Below mentioned quality parameters comply with the latest edition of BP, E 332 standards

Chemical and physical requirements

Quality parameter	Guaranteed value
Assay	99.0 -101 %
Acidity or alkalinity	qualified
Clarity and colour of solution	qualified
Heavy metals (as Pb)	max. 0.005 %
Lead (Pb)	max. 0.001 %
Sodium (Na)	max. 0.3 %
Chlorides (Cl)	max. 0.005 %
Sulphates (SO ₄)	max. 0.015 %
Oxalates (C ₂ O ₄)	max. 0.01 %
Readily carbonisables substances	qualified
Loss on drying	4.0 - 6.0 %
Arsenic (As)	max. 0.000 1 %
Mercury (Hg)	max. 0.000 1 %
pH value (5 % water solution)	7.5 – 9.0

Characteristics: Transparent crystals or a white, granular powder, hygroscopic, very soluble in water.

Packing: 25 kg multiwall paper bags with plastic inlay, on pallets 80 x 120 cm/1000 kg, shrink wrapped.

Storage terms: Store in indoor, dry warehouses free of chemical exhalations, in original intact packing. Recommended storage temperature + 5 °C through + 30 °C, recommended relative air humidity max. 75 %.

R/S phrases: none

Transport regulations:

not classified as dangerous substance according to ADR/RID/GGVS/GGVE/IMDG/IATA/ICAO

Kasel GmbH

Sieveringer Strasse 153/4 • A-1190 Wien • Austria • Tel.: +43 (0)1 3192555-0 • Fax: +43 (0)1 3192555-55 • e-mail: office@kasel.com • Bankverbindung 1: Raiffeisenlandesbank NÖ – Wien AG • BIC: RLNWATWW • EUR Konto IBAN: AT763200000011873940 • USD Konto IBAN: AT313200030111873940 • Bankverbindung 2: Erste Bank der Oesterreichischen Sparkassen AG • BIC: GIBAATWWXXX • EUR Konto IBAN: AT652011182450318900 • USD Konto IBAN: AT382011182450318901 • FN 407805p • Handelsgericht Wien • Geschäftsführer: Dr. M. R. Selazade • Sitz der Gesellschaft: Wien •