

OMGD s. r. o.
Sucessor of AKTIVA, a.s.
Pod Tovarnou 92
CZ - 331 51 KAZNEJOV
CZECH REPUBLIC

TRI-POTASSIUM CITRATE MONOHYDRATE

Chemical formula C₆H₅K₃O₇·H₂O	rel. mol. Weight 324,42	CAS Nr.: 6100-05-6
		EINECS Nr.: 231-905-0

Quality standard : P N D 5 0 - 5 4 1 - 0 1 (m a n u f a c t u r i n g s t a n d a r d)
Below mentioned quality parameters comply with the latest edition of BP/EurPh/USP/E332(ii) standards.

Chemical and physical requirements

Quality parameter	Unit		Guaranteed value
Assay (C ₆ H ₅ K ₃ O ₇)	%		99,0 - 100,5
Acidity or alkalinity			passes test of BP/EurPh
Appearance of solution			passes test of BP/EurPh
Heavy metals (as Pb ²⁺)	%	max.	0,0005
Lead (Pb ²⁺)	%	max.	0,0001
Sodium (Na ⁺)	%	max.	0,3
Chlorides (Cl ⁻)	%	max.	0,005
Sulphates (SO ₄ ²⁻)	%	max.	0,015
Oxalates (C ₂ O ₄ ²⁻)	%	max.	0,01
Readily carbonisable substances			passes test of BP/EurPh
Tartrates			passes test of USP
Loss on drying	%		4,0-6,0
Arsenic (As)	%	max.	0,0001
Mercury (Hg ²⁺)	%	max.	0,0001
pH value (5 % aqueous 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, shrinkwrapped.

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 %.

Shelf life : 24 months from the date of manufacture.

Hazard statements, Precautionary statements: none

Transport regulations : not classified as dangerous substance according to ADR/RID/GGVS/GGVE/IMDG/IATA/ICAO.