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

TRI-POTASSIUM CITRATE MONOHYDRATE

Chemical formula	rel. mol. Weight	CAS Nr.: **6100-05-6**
$C_6H_5K_3O_7.H_2O$	**324,42**	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 ($C_6H_5K_3O_7$)	%		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 ($C_2O_4^{2-}$)	%	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^{o}C through + 30^{o}C, recommended relative air humidity max. 75 %.

Shelf life : 24 months from the date of manufacture.

R / S phrases : S22 – 24/25.
Transport regulations : not classified as dangerous substance according to ADR/RID/GGVS/GGVE/IMDG/IATA/ICAO.