



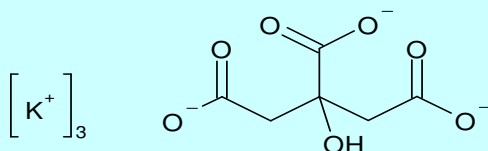
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Quality Control Dept.

Q Product Specification

E Control	QC2\DATAD\D:\PS\20200XPS.xls
PRODUCT CODE	20200
PRODUCT NAME	tri-POTASSIUM CITRATE AR Meets Analytical Specification of IP, BP, USP, Ph. Eur.
SYNONYMS	Citric acid tripotassium salt.
C.I. NO.	--
CASR NO.	(6100-05-6)
ATOMIC OR MOLECULAR FORMULA	$K_3C_6H_5O_7 \cdot H_2O$
ATOMIC OR MOLECULAR WEIGHT	324.41
PROPERTIES	---



PARAMETER	LIMIT
Description	White crystals/crystalline powder.
Solubility	10% solution in water is clear and colourless.
Identification	Passes tests.
Minimum Assay (Non-aqueous, Calc. on anhydrous subs.)	99.0%
pH of (5% soln in water)	7.5 - 9.0
Loss on drying (at 180 °C)	3.0 – 6.0%
Water (by K/F)	4.0 – 7.0%
MAXIMUM LIMIT OF IMPURITIES	
Insoluble matter	0.003%
Acidity or alkalinity	Passes test (NMT 0.2 ml of 0.1N HCl / 0.1 N NaOH)
Chloride (Cl)	0.005%
Oxalate (C_2O_4)	0.01%
Sulphate (SO_4)	0.005%
Arsenic (As)	0.0001%
Copper (Cu)	0.001%
Iron (Fe)	0.001%
Heavy metals (as Pb)	0.0005%
Lead (Pb)	0.0005%
Sodium (Na)	0.3%
Readily carbonisable substance	Passes test.
Reducing substances	Passes test.
Tartrate	Passes test.
Organic volatile impurities	Meets the requirement.

Note(s) :1) Assay (if applicable) method mentioned.

2) Protected from moisture

WARNING

Hazard statements : Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: ---

Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.

Hazard Pictogram(s) :--

IMDG Code : --

UN No. : --

IATA : --

Prepared By :
Name/Dept. : Officer (Q.A.)

Checked By:
Name/Dept.:Incharge(Q.A.)

Approved By:
Name/Dept. : Incharge (Tech.)

Issue Date : 01.07.2002
Revision No.: 03

Sign.	:	Sign.	:	Sign.	:	Revision dt.	: 02.04.2010
Date	: 01.04.2010	Date	: 01.04.2010	Date	: 02.04.2010	AMEND NO.	: 1554

