Citric Acid, Monohydrate

1. IDENTIFICATION

CHEMICAL NAME: Citric acid, monohydrate

CHEMICAL FORMULA: $C_6H_8O_7.H_2O$

CAS No.: 5949-29-1

EINECS No.: 201-069-1

MOLECULAR WEIGHT: 210,14

OTHER NAMES: 2-hydroxypropane-1,2,3-tricarboxylic acid

2. FEATURES

DETERMINATIONS	VALUE	UNIT	TOLERANCE
Purity (moist product)	99,5	% m/m	Min
Humidity	7,5 – 9	% m/m	-
Sulphated Ash	0,1	% m/m	Max
Oxalate content	360	ppm	Max
Sulphate content	150	ppm	Max
Heavy Metals Content	10	ppm	Max

METHOD	DETERMINATIONS	VALUE	UNIT	TOLERANCE
Visual	Aspect	Crystalline white powder / colourless crystals	-	-
(BP, EP)	Identification	According Ref.	-	-
(BP, EP)	Limpidity and colour of the solution	According Ref.	-	-
(BP, EP, E330)	Readily carbonizable substances	According Ref.	-	-
-	Solubility	Very soluble in water and alcohol	-	-
-	Bacterial endotoxins	0,5	IU / mg	Max
-	Aluminium content	0.2	ppm	Max
-	Iron content	50	ppm	Max
-	Chloride content	50	ppm	Max
-	Calcium content	200	ppm	Max
-	Arsenic content	1	ppm	Max
-	Lead content	1	ppm	Max
-	Mercury content	1	ppm	Max

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3. APPLICATION

- Oil&Gas
- Chemical Industry
- Food Industry

4. PRESENTATION

Bags of 25 kg/pallets.

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