

Citric Acid Monohydrate, Pharma

C ₆ H ₈ O ₇ .H ₂ O	FW. 210.14	Density	= 1.54 g/cm ³
CAS-No.	5949-29-1	Melting Point	135-152 °C
Code	BP1236		

Specifications

(Meets Ph.Eur, BP, JP)

Assay	99.5 - 100.5%
Appearance	White or almost white, crystalline
	powder, colorless crystals or
	granules, efflorescent
Identity	Passes test
Appearance of solution	Clear and not more intensely
	coloured than reference
	solution Y ₇ , BY ₇ or GY ₇
Solubility	Passes test
Water	7.5 - 9.0%
Residue after Ignition	0.1% max.
Readily carbonisable substances	Passes test
Oxalic acid	360 ppm max.
Sulfate (SO ₄)	0.015% max.
Heavy metals (as Pb)	0.001% max.
Aluminium (Al)	0.00002% max.
Bacterial endotoxins	0.5 IU/mg max.

TN_01-04-2021

S-QC03-BP-P-0111 / RV.02 / Eff.date 15-06-22