

# Specification



## **tri- Sodium citrate dihydrate p. A.**

**A2403**

<b>Synonym</b>	Citric acid trisodium salt dihydrate
<b>Solubility (25°C)</b>	425 g/L (H <sub>2</sub> O)
<b>Melting point</b>	150°C
<b>Formula</b>	C <sub>6</sub> H <sub>5</sub> Na <sub>3</sub> O <sub>7</sub> · 2H <sub>2</sub> O
<b>M</b>	294.10 g/mol
<b>CAS-No.:</b>	6132-04-3
<b>HS-No.:</b>	29181500
<b>EC-No.:</b>	200-675-3
<b>Storage:</b>	RT
<b>LGK:</b>	10 - 13
<b>Disposal:</b>	14
<b>WGK:</b>	nwg
<b>Specification</b>	
<b>Assay (titr.)</b>	min. 99 %
<b>pH (5 %; H<sub>2</sub>O)</b>	7.5 - 9.0 (20°C)
<b>Chloride</b>	max. 0.001 %
<b>Phosphate</b>	max. 0.002 %
<b>Sulfate</b>	max. 0.005 %
<b>Ca</b>	max. 0.005 %
<b>Cu</b>	max. 0.001 %
<b>Fe</b>	max. 0.0005 %
<b>Pb</b>	max. 0.0005 %
<b>Zn</b>	max. 0.001 %