

**QUALITY CERTIFICATE**

Product name: CITRIC ACID MONOHYDRATE  
Quality: Ph.Eur.11.0.  
Package: 50 g  
Formula:  $C_6H_8O_7 \cdot H_2O$   
Rel. mol. weight: 210,14  
Lot No.: GH1758781  
Manufacturing date: 06.2023.  
Expiry date: 19.10.2026. (DMY)  
Anal. No.: 16262H58781

	<b>REQUIRED</b>	<b>MEASURED</b>
Appearance:	white or almost white crystalline powder or colourless crystals	colourless crystals
Identification test 'A'	identical	identical
Identification test IR	identical	identical
Identification test 'C'	identical	identical
Assay	99,5-100,5 %	99,9 %
Appearance of solution	clear (<Y <sub>7</sub> , BY <sub>7</sub> or GY <sub>7</sub> )	clear (<Y <sub>7</sub> , BY <sub>7</sub> or GY <sub>7</sub> )
Readily carbonisable substances	passes test	passes test
Oxalic acid	max.360 ppm	<360 ppm
Sulfate	max.150 ppm	<150 ppm
Aluminum (Al)	max.0,2 ppm	<0,2 ppm
Water (KF.)	7,5-9,0 %	8,80 %
Sulphated ash	max.0,1 %	0,025 %
Heavy metals (Pb)	max.0,0002 %	<0,0002 %

**The Product complies with the requirements of Ph.Eur.11.0.**

Kiállítva: Halásztelek, 2023.10.24.

  
Nagy Balázs

minőségbiztosítási vezető

**Molar Chemicals Kft.**  
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