

**QUALITY CERTIFICATE**

Product name: CALCIUM LACTATE 5-HYDRATE  
Quality: Ph.Eur.11.0.  
Package: 1000 g  
Formula:  $C_6H_{10}O_6Ca \cdot 5H_2O$   
Rel. mol. weight: 308,30  
Lot No.: GA0353528  
Manufacturing date: 12.2022.  
Expiry date: 31.03.2026. (DMY)  
Anal. No.: 14289H53528

	<b>REQUIRED</b>	<b>MEASURED</b>
Appearance:	white or almost white crystalline or granulated powder	white crystalline powder
Assay	98,0-102,0 %	99,85 %
Identification test 'A'	identical	identical
Identification test 'B'	identical	identical
Identification test 'C'	identical	passes test
Solubility	freely soluble in boiling water, slightly soluble in ethanol (96 per cent)	freely soluble in boiling water, slightly soluble in ethanol (96 per cent)
Appearance of solution	passes test	passes test
Alkalinity, acidity	passes test	passes test
Chloride	max.200 ppm	<200 ppm
Sulfate	max.400 ppm	<400 ppm
Iron (Fe)	max.50 ppm	<50 ppm
Magnesium and alkali salts	max.1 %	0,70 %
Heavy metals (Pb)	max.10 ppm	<10 ppm
Loss on drying	22,0-27,0 %	23,7 %

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

Kiállítva: Halásztelek, 2023.04.05.

  
Nagy Balázs

minőségbiztosítási vezető

**Molar Chemicals Kft.**  
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