

**QUALITY CERTIFICATE**

Product name: CALCIUM HYDROGEN PHOSPHATE DIHYDRATE  
Quality: Ph.Eur.11.0.  
Package: 100 g  
Formula:  $\text{CaHPO}_4 \cdot 2\text{H}_2\text{O}$   
Rel. mol. weight: 172,10  
Lot No.: GF5358389  
Manufacturing date: 07.2023.  
Expiry date: 31.08.2028. (DMY)  
Anal. No.: 15803H58389

	<b>REQUIRED</b>	<b>MEASURED</b>
Appearance:	white or almost white crystalline powder	white crystalline powder
Assay	98,0-105,0 %	102,27 %
Solubility	practically insoluble in water and in ethanol (96 per cent). It dissolves in dilute hydrochloric acid and in dilute nitric acid	practically insoluble in water and in ethanol (96 per cent). It dissolves in dilute hydrochloric acid and in dilute nitric acid
Identification test 'A'	identical	identical
Identification test 'B'	identical	identical
Identification test 'C'	identical	identical
Substances insoluble in acid	max.0,2 %	0,0000 %
Carbonate	passes test	passes test
Chloride	max.0,25 %	<0,25 %
Fluoride	max.100 ppm	<50 ppm
Sulfate	max.0,5 %	<0,5 %
Arsene (As)	max.10 ppm	<10 ppm
Barium (Ba)	passes test	passes test
Iron (Fe)	max.400 ppm	<400 ppm
Loss on ignition (800 °C)	24,5-26,5 %	25,54 %

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

Kiállítva: Halásztelek, 2023.11.08.

  
Nagy Balázs

minőségbiztosítási vezető

**Molar Chemicals Kft.**  
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