

QUALITY CERTIFICATE

Product name: CALCIUM HYDROGEN PHOSPHATE DIHYDRATE
Quality: Ph.Eur.10.6.
Package: 1000 g
Formula: $\text{CaHPO}_4 \cdot 2\text{H}_2\text{O}$
Rel. mol. weight: 172,10
Lot No.: FP2654706
Manufacturing date: 04.2022.
Expiry date: 03.04.2025. (DMY)
Anal. No.: 11199H54706

	REQUIRED	MEASURED
Appearance:	white or almost white crystalline powder	white crystalline powder
Assay	98,0-105,0 %	99,1 %
Solubility	practically insoluble in water and in ethanol (96 per cent). It dissolves in dilute hydrochloric acid and in dilute nitric acid	passes test
Identification test 'A'	identical	identical
Identification test 'B'	identical	identical
Identification test 'C'	identical	identical
Substances insoluble in acid	max.0,2 %	0,02 %
Carbonate	passes test	passes test
Chloride	max.0,25 %	<0,25 %
Fluoride	max.100 ppm	<50 ppm
Sulfate	max.0,5 %	<0,5 %
Heavy metals (Pb)	max.40 ppm	<40 ppm
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 %	26,0 %

The Product complies with the requirements of Ph.Eur.10.6.

Kiállítva: Halásztelek, 2022.05.02.


Kriston Mária

Minőségbiztosítási vezető

