KFN Technical Data Sheet

nekablanc® 0

Product name

nekablanc® 0
Calcium hydroxide, $Ca(OH)_2$ (E 526)[1]
Slaked lime

Minimum shelf life: 12 months / Store in dry place

Suitable for food production and potable water treatment
Hydrated lime acc. to EN 12518, Class 1, Quality 1, A, Type 1[2]
According to terms of EAB, BP, USP, FCC, JECFA INS 526[3] in their current versions

Producer

Kalkfabrik Netstal AG
CH-8754 Netstal
Switzerland

Phone +41 55 646 91 11 / E-Mail: info@kfn.ch / Web: www.kfn.ch

Chemical Analysis

$Ca(OH)_2$	98.3	%	Sb	< 0.1	mg/kg
CaO_{total}	74.6	%	As	0.85	mg/kg
MgO	0.42	%	Pb	0.33	mg/kg
Al_2O_3	0.02	%	Cd	0.24	mg/kg
Fe_2O_3	0.01	%	Cr	1.03	mg/kg
SiO_2	0.07	%	Ni	0.55	mg/kg
SO_3	0.03	%	Hg	< 0.01	mg/kg
Mn_2O_3	0.002	%	Se	< 0.1	mg/kg
CO_2	0.45	%	F_{total}	32	mg/kg
Bound water	23.8	%	Loss on ignition	24.8	%
Insoluble residue in HCl	< 0.1	%	Humidity	0.49	%

The PCDD/F und PCB contents are below the relevant detection limits of WHO 2005.

Physical Data

Particle size analysis Laser granulometry Sympatec HELOS		Whiteness (Spectro Color, R_y)	97.38 %
$x_{10\ \%}$	0.57 µm	Bulk density	0.41 g/cm³
$x_{50\ \%}$	1.84 µm		
$x_{90\ \%}$	5.05 µm		

Delivery forms

nekablanc® 0	bulk
nekablanc® 0	in bags à 25 kg
nekablanc® 0	in big bags à 800 and 1000 kg

Remarks

For a safe handling consult our safety data sheet.

The data on this sheet are an average from numerous analyses without any legal warranty.

Our management system is certified according to the standards ISO 9001, ISO 14001 and ISO 22000 / FSSC 22000.

[1] Regulation (EU) No. 231/2012 (Specifications for food additives)
[2] Chemicals used for treatment of water intended for human consumption. High-calcium lime
[3] List of Codex Specifications for Food Additives, CAC/MISC 6