

Product: Slaked Lime
 $\text{Ca}(\text{OH})_2$, calcium dihydroxide
 Production plant: Köping Sweden
 Raw material: Limestone Storugns quarry Sweden

CAS number: 1305-62-0
 Reach: 01-2119475151-45-0035

Typical chemical values

Method: SS EN 459-2. %.

	<u>M</u>	<u>s</u>
$\text{Ca}(\text{OH})_2$	91	1,5

Method: X-Ray fluorescence spectrometry (XRF). %.

	<u>M</u>	<u>s</u>		<u>M</u>	<u>s</u>		<u>M</u>	<u>s</u>
CaO	73	0,5	Fe_2O_3	0,4	0,05	Na_2O	0,02	0,01
SiO_2	1,8	0,2	MgO	1,3	0,2	MnO	0,02	0,01
Al_2O_3	0,8	0,1	K_2O	0,03	0,02	P	0,01	0,01

Other analyses

	<u>M</u>	<u>s</u>		
Ca	52	0,4	%	Method: XRF
S	0,03	0,02	%	Method: Leco CS
Residue CO_2	1,2	0,4	%	Method: Leco CS
Loss on ignition, LOI	23,0	1,0	%	Method: 950 °C
Moisture	0,5	0,2	%	Method: 105 °C
Bulk density	0,45	0,1	ton./m ³	Method: SS EN 459-2
Specific area BET	16	2	m ² /g	Method: BET

Trace elements

Method: SS-EN ISO 12485. mg/kg.

	<u>M</u>	<u>s</u>		<u>M</u>	<u>s</u>		<u>M</u>	<u>s</u>
Cd	0,1	0,05	Cu	3	1	Pb	2	0,5
Co	2	1	Hg	< 0,02	-	V	10	5
Cr	7	2	Ni	4	1	Zn	10	5

Particle size

Method: Sieving. mass-%

Mechanical sieving/air jet.

Laser technic sieving.

	<u>M</u>	<u>s</u>		<u>M</u>	<u>s</u>		<u>M</u>	<u>s</u>
< 90 µm	97	1,2	< 4 µm	35	5	< 16 µm	82	4
< 200 µm	99,5	0,2	< 8 µm	60	7	< 32 µm	94	3

M - Values

s - Standard deviation

The guidance values and standard deviation which are given in this product description are based on analysis values of several years. All data in this product description is meant as general information for the user. The values should not be interpreted as binding specification and are given for guidance only.

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