

 <b>CLOGRENNANE</b> <b>LIME</b>	<b>Hydrapure</b>		
	Calcium Hydroxide	Ca(OH) <sub>2</sub>	Revision: 2014
	CAS # 1305-62-0	REACH Registration # 01-2119475151-45-0192	

## Product Details

Hydrapure is an ultra-pure Hydrated Lime product, designed for the drinking water market. As such it complies with EN12518:2008. Other uses include sulphur and acidic compound removal from flue gases.

## Chemical Analysis

		Typical Analysis	EN 12518 Specification
		%	%
<b>Calcium Hydroxide</b>	<i>Ca(OH)<sub>2</sub></i>	95	>92
<b>Calcium Carbonate</b>	<i>CaCO<sub>3</sub></i>	2.0	<7
<b>Silica</b>	<i>SiO<sub>2</sub></i>	0.7	<2.5
<b>Aluminium Oxide</b>	<i>Al<sub>2</sub>O<sub>3</sub></i>	0.21	<0.5
<b>Ferric Oxide</b>	<i>Fe<sub>2</sub>O<sub>3</sub></i>	0.13	<0.5
<b>Manganese Oxide</b>	<i>MnO<sub>2</sub></i>	0.01	<0.2
<b>Free Moisture</b>	<i>H<sub>2</sub>O</i>	0.4	<2

## Trace Elements

		Typical Analysis	EN 12518 Specification
		%	mg / kg
<b>Arsenic</b>	<i>As</i>	1.5	<5
<b>Cadmium</b>	<i>Cd</i>	0.35	<2
<b>Chromium</b>	<i>Cr</i>	7.14	<20
<b>Mercury</b>	<i>Hg</i>	<0.01	<0.3
<b>Nickel</b>	<i>Ni</i>	7.77	<10
<b>Lead</b>	<i>Pb</i>	3.17	<10
<b>Antimony</b>	<i>Sb</i>	0.06	<3
<b>Selenium</b>	<i>Se</i>	0.19	<3

## Physical Analysis

		Typical Analysis	EN 12518 Specification
<b>Particle Sizing</b>			
			<b>Retained</b>
<b>0.6mm</b>	%	0	<0.1
<b>0.09mm</b>	%	1	<5.5
<b>Bulk Density</b>	<i>kg / m<sup>3</sup></i>	350 – 600	
<b>BET</b>	<i>m<sup>2</sup> / g</i>	17	

The information contained in this data sheet is to the best of our knowledge true and accurate. The typical analysis values given are subject to variation as the raw material (limestone) is naturally occurring. All results are given at 95% confidence levels and on a dry basis