



# POTASSIUM HYDROXIDE 90 % FLAKES

3/2017

PRODUCT NAME (CODE)	KOH 90% (1640)
CAS NUMBER	1310-58-3
EINECS NUMBER	215-181-3

COA	PROPERTY	UNITS	TEST METHOD	MIN	TYPICAL VALUE	MAX	COMMENTS
*	Alkalinity as KOH	wt%	QSE MO 0455	90	90,5		(1)
*	Sodium as NaOH	wt%	QSE MO 0246		0,5	1	(1)
*	Chlorides as Cl	mq/kg	QSE MO 0229		40	50	(1)
*	Carbonate as K <sub>2</sub> CO <sub>3</sub>	wt%	QSE MO 0455		< 0,2	0,5	(1)
*	Iron as Fe	mg/kg	QSE MO 1121		< 1	5	(1)
*	Nickel as Ni	mq/kg	QSE MO1121		< 5	10	(1)
TYPICAL VALUE							
	Aluminum	mg/kg			< 1		(1)
	Arsenic	mg/kg			< 0.1		(1)
	Antimony	mq/kg			< 0.05		(1)
	Bismuth	mg/kg			< 0.05		(1)
	Cadmium	mg/kg			< 0.1		(1)
	Calcium	mg/kg			5		(1)
	Colbalt	mg/kg			< 0.2		(1)
	Copper	mq/kg			< 0.1		(1)
	Heavy Metals as Pb	mg/kg			< 2		(1)
	Lead	mg/kg			< 0.1		(1)
	Magnesium	mg/kg			< 1		(1)
	Manganese	mg/kg			2		(1)
	Molybdene	mq/kg			< 0.2		(1)
	Mercury	µg/kg			< 1		(1)
	Sulfate as SO <sub>4</sub>				5		(1)
	Strontium	mg/kg			< 1		(1)
	Phosphate as PO <sub>4</sub>	mq/kg			< 5		(1)
	Silica as SiO <sub>2</sub>	mg/kg			< 2		(1)
	Total nitrogen	mg/kg			5		(1)
	Fluoride	mg/kg			< 2		(1)

An asterisk (\*) in the COA column indicates that this property has to be reported on the Certificate of Analysis.  
The properties denoted with a "(1)" are not determined on each individual lot.  
These limit values are determined and guaranteed on statistical process.

**Remark** : KOH 95% flakes and 85% pellets also available upon demand.

## Applications :

- Fertilisers
- Precursor to other potassium compounds
- Manufacture of biodiesel
- Petroleum refineries
- Cocoa treatment
- Rubber transformation etc

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy himself of the suitability for his own particular purpose.  
No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

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