

## Certificate of Analysis

<b>Product</b>	Potassium Hydroxide 85%	<b>Batch No.</b>	: 21 06 0310
<b>Grade</b>	AR.	<b>Manufacturing date</b>	: 18/06/2021
<b>Code No.</b>	AR1385	<b>Best before</b>	: 06/2026

Items	Descriptions	Specifications	Test Results
1	Assay (by acidimetry)	85.0% min.	86.2%
2	Potassium carbonate (K <sub>2</sub> CO <sub>3</sub> )	2.0% max.	< 2.0%
3	Nitrogen Compounds (as N)	0.001% max.	< 0.001%
4	Ammonium hydroxide precipitate	0.02% max.	< 0.02%
5	Chloride (Cl)	0.01% max.	< 0.01%
6	Phosphate (PO <sub>4</sub> )	0.0005% max.	< 0.0005%
7	Sulfate (SO <sub>4</sub> )	0.003% max.	< 0.003%
8	Heavy metals (as Ag)	0.001% max.	< 0.001%
9	Aluminium (Al)	0.001% max.	< 0.001%
10	Calcium (Ca)	0.005% max.	< 0.005%
11	Copper (Cu)	0.0005% max.	< 0.0005%
12	Iron (Fe)	0.001% max.	< 0.001%
13	Lead (Pb)	0.0005% max.	< 0.0005%
14	Magnesium (Mg)	0.002% max.	< 0.002%
15	Nickel (Ni)	0.001% max.	< 0.001%
16	Sodium (Na)	0.05% max.	< 0.05%

Meet A.C.S. Specifications.

This is to certify the above batch has been tested and complies with this specification.

Ladaphan

Chemist

Aehm .

Technical Manager