

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Potassium Hydroxide Pellets 85 % AR

Catalog Number : O-5151

Batch Number : 5151-00000000

CAS Number : 1310-58-3

Molecular Weight : 56.11 g/mol

Mol. Formula : KOH

Expire Date : 60 Months

SAMPLE

No	Test	Specifications	Results
1	Appearance	White deliquescent pellets	White deliquescent pellets
2	Assay (acidimetric, KOH)	85.0 - 100.5 %	86.94%
3	Identification	passes test	passes
4	Appearance of solution	passes test	passes
5	Carbonate (as K ₂ CO ₃)	max 1.0 %	0.54%
6	Chloride (Cl)	max 0.005 %	0.0023%
7	Sulphate (SO ₄)	max 0.003 %	0.0005%
8	Phosphate (PO ₄)	max 0.0005 %	0.00003%
9	Total nitrogen (N)	max 0.001 %	0.0002%
10	Heavy metals (as Pb)	max 0.001 %	0.0003%
11	Iron (Fe)	max 0.001 %	0.00061%
12	Nickel (Ni)	max 0.001 %	0.0005%
13	Sodium (Na)	max 0.5 %	0.01%
14	Calcium (Ca)	max 0.005 %	0.001%

Corresponds to AR / ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification

SUDIROS S.Si.
Manager QC