

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Potassium Bicarbonate 99.7 % AR

Catalog Number : O-5137

Batch Number : 5137-00000000

CAS Number : 298-14-6

Molecular Weight : 100.12 g/mol

Mol. Formula : KHCO_3

Expire Date : 60 months

SAMPLE

No	Test	Specifications	Results
1	Appearance	Colorless to white crystals or crystalline powder	Colorless crystalline powder
2	Assay (on dried basis, by titration with HCl)	99.7 - 100.5 %	100.18%
3	Insoluble matter	max 0.01 %	0.0085%
4	Chloride (Cl)	max 0.001 %	0.00065%
5	Phosphate (PO_4)	max 0.0005 %	0.00015%
6	Sulphur compounds (as SO_4)	max 0.003 %	0.0009%
7	Ammonium (NH_4)	max 0.0005 %	0.00012%
8	Heavy metals (as Pb)	max 0.0005 %	0.00019%
9	Iron (Fe)	max 0.0005 %	0.00022%
10	Calcium (Ca)	max 0.002 %	0.00055%
11	Magnesium (Mg)	max 0.001 %	0.00072%
12	Sodium (Na)	max 0.03 %	0.0066%

Corresponds to AR / ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification

SUDIRO S.Si.
Manager QC