

F-QC-001 Rev.00

Certificate Of Analysis



Product Name : Zinc Oxide 99 % AR

Catalog Number : O-5232

Batch Number : 5232-00000000

CAS Number : 1314-13-2

Molecular Weight : 81.39 g/mol

Mol. Formula : ZnO

Expire Date : 60 Months

No	Test	Specifications	Results
1	Appearance	White powder	White powder
2	Assay (complexometric)	min 99.0 %	99.65%
3	Substances insoluble in diluted H ₂ SO ₄	max 0.01 %	0.0021%
4	Free Alkali	passes test	passes test
5	Chloride (Cl)	max 0.001 %	0.0005%
6	Sulphate (SO ₄)	max 0.01 %	0.0032%
7	Total Nitrogen (N)	max 0.0005 %	0.00011%
8	Lead (Pb)	max 0.002 %	0.0007%
9	Copper (Cu)	max 0.0005 %	0.0002%
10	Iron (Fe)	max 0.0005 %	0.000089%
11	Manganese (Mn)	max 0.0005 %	0.00007%
12	Cadmium (Cd)	max 0.0005 %	0.00008%
13	Arsenic (As)	max 0.0001 %	0.00002%
14	Calcium (Ca)	max 0.001 %	0.0003%
15	Sodium (Na)	max 0.001 %	0.0005%
16	Substances reducing KMnO ₄ (as O)	max 0.0008 %	0.00017%

Corresponds to AR/ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specificationSUDIRO S.Si.
Manager QC