

TIQ-F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Selenium (metal) powder 99.5 % AR

Catalog Number : O-5281

Batch Number : 5281-00000000

CAS Number : 7782-49-2

Molecular Weight : 78.96 g/mol

Mol. Formula : Se

Expire Date : 60 months

SAMPLE

No	Test	Specifications	Results
1	Appearance	Very dark red to grey to black powder	Black powder
2	Assay (Iodometric)	min 99.5 %	99.720%
3	Solubility	2% solution in dilute nitric acid is clear and almost colourless	complies
4	Loss on drying at 110 °C	max 0.05 %	0.012%
5	Acid insoluble matter	max 0.01 %	0.0037%
6	Non volatile matter	max 0.05 %	0.0089%
7	Nitrogen compounds (N)	max 0.01 %	0.0047%
8	Iron (Fe)	max 0.006 %	0.00016%
9	Sulphur (S)	max 0.015 %	0.0027%

Corresponds to AR/ACS Grade

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

Manager QC