

TIQ- F-QC-001 Rev.00

Certificate Of Analysis



Product Name : Hydrobromic Acid 48 % AR

Catalog Number : A-2034

Batch Number : 2034-00000000

CAS Number : 10035-10-6

Molecular Weight : 80.91 g/mol

MoL. Formula : HBr

Expire Date : 36 months

No	Test	Specifications	Results
1	Appearance	A clear, colourless to pale yellow liquid, which becomes brown on storage	A clear pale yellow liquid
2	Assay (alkalimetric)	47.0 - 49.0 %	48.957%
3	Specific gravity	~ 1.5000 g	1.5001 g
4	Arsenic (As)	max 0.00005 %	0.000009%
5	Chloride (Cl)	max 0.05 %	0.008%
6	Heavy metal (as Pb)	max 0.0005 %	0.00007%
7	Iodide (I)	passes test (approx. 0.003 %)	passes
8	Iron (Fe)	max 0.0001 %	0.000068%
9	Organic substances	passes test	passes
10	Phosphate (PO ₄)	max 0.003 %	0.0005%
11	Residu on ignition	max 0.003 %	0.00045%
12	Selenium (Se)	passes test (approx. 0.01 ppm)	passes
13	Sulphate and Sulphite (as SO ₄)	max 0.003 %	0.00072%

Corresponds to AR / ACS Grade

LABOTIQ In-house product specification, referenced to Analar standard and ACS specification



SUDIRO S.Si.
Manager QC