

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Ascorbic acid,ACS, 99%

ITEM NUMBER: A103535
BRAND: Aladdin
CAS NUMBER: 50-81-7
MDL NUMBER: MFCD00064328
FORMULA: C₆H₈O₆
MOLECULAR WEIGHT: 176.12

| TEST | SPECIFICATION | | TARGET VALUE |
|--|---------------|---------|--------------|
| | MIN. | MAX. | |
| Assay | 99 % | 100 % | 100 % |
| heavy metals (as Pb) | 0 % | 0.002 % | 0.002 % |
| Ignition residue (as sulfate) | 0 % | 0.1 % | 0.1 % |
| Iron(Fe) | 0 % | 0.001 % | 0.001 % |
| Specific rotation [α] ₂₀ /D(C=10, H ₂ O) | +20 ° | +1.5 ° | +21.5 ° |