



## Specification for Arsenic Trioxide, Powder, Reagent, ACS (A1340)

|                   |  |
|-------------------|--|
| Item Number       | A1340                                  |
| Item              | Arsenic Trioxide, Powder, Reagent, ACS |
| CAS Number        | 1327-53-3                              |
| Molecular Formula | As <sub>2</sub> O <sub>3</sub>         |
| Molecular Weight  | 197.84                                 |
| MDL Number        |  |
| Synonyms          | Arsenious Acid ; Arsenic (III) Oxide   |

| Test                                    | Specification                      |         |
|---|------------------------------------|---------|
|   | Min                                | Max     |
| ASSAY (As <sub>2</sub> O <sub>3</sub> ) | 99.95-100.05 %                     |         |
| RESIDUE AFTER IGNITION                  |                                    | 0.02 %  |
| INSOLUBLE IN HCl                        |                                    | 0.01 %  |
| CHLORIDE (Cl)                           |                                    | 0.005 % |
| SULFIDE (S)                             | TO PASS TEST (limit about 0.001 %) |         |
| ANTIMONY (Sb)                           |                                    | 0.05 %  |
| LEAD (Pb)                               |                                    | 0.002 % |
| IRON (Fe)                               |                                    | 5 ppm   |
| EXPIRATION DATE                         |                                    |         |

### *Spectrum Chemical Mfg Corp*

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|--------------------------------|-----------------------------|
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