

Specifications of Antimony Trioxide (Typical)

| | PATOX- | | | | | | | | | | | | | |
|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------|---------------------|-------|-------------------|-------------------|-------------------|--------------------|
| | M | MF | K | KF | C | CF | P | L | U | H | MZ | CZ | HS | SUF |
| Sb₂O₃ % min. | 99.5 | 99.5 | 99.5 | 99.5 | 99.7 | 99.9 | 99.5 | 99.5 | 99.3 | 99.9 | 99.5 | 99.5 | 99.7 | 99.99 |
| As % max. | 0.10 | 0.10 | 0.10 | 0.10 | 0.050 | 0.010 | 0.10 | 0.10 | 0.10 | 0.010 | 0.10 | 0.05 | 0.05 | 0.001 |
| Pb % max. | 0.10 | 0.10 | 0.10 | 0.10 | 0.006 | 0.009 | 0.10 | 0.10 | 0.10 | 0.005 | 0.10 | 0.02 | 0.01 | 0.001 |
| Fe % max. | 0.010 | 0.010 | 0.010 | 0.010 | 0.003 | 0.003 | 0.010 | 0.010 | 0.010 | 0.002 | 0.01 | 0.003 | 0.003 | - |
| Colour tone L* min. | 97.0 | 97.0 | 93.0 | 93.0 | 93.0 | 98.0 | 93.0 | 94.0 | 96.5 | 93.0 | 96.5 | 93.0 | 93.0 | 93.0 |
| Particle size μm | 0.40 - 0.60 | 0.25 - 0.40 | 1.00 - 1.80 | 0.60 - 1.00 | 0.80 - 1.20 | 0.10 - 0.50 | 1.80 - 4.00 | * 7.0 - 9.0 | 0.015 - 0.025 | - | 0.50 - 1.00 | * 3.0 - 7.0 | * 4.0 - 7.0 | * 8.0 - 14.0 |
| Turbidity in conc. ppm max. | - | - | - | - | 9 | 9 | - | - | - | - | - | - | - | - |
| Electric conductivity mS/m max. | - | - | - | - | - | - | - | - | - | - | 3.0 | 3.0 | 3.0 | 3.0 |
| Coarse particle material ppm+45μm max. | - | - | - | - | - | - | - | - | - | - | 1.0 | 0.5 | 0.5 | 0.5 |
| Alpha ray C/cm² · hr max. | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 0.03 | 0.001 |

*Laser diffraction method