

## Ultra-fine particle grade of Antimony trioxide “ PATOX-U”

This is the special grade of antimony trioxide developed by Nihon Seiko, with an ultra fine particle size. This grade is produced from antimony carefully refined under a strictly controlled process. It has more special properties than those of fine powder produced by other process. This grade is applicable to a number of products.

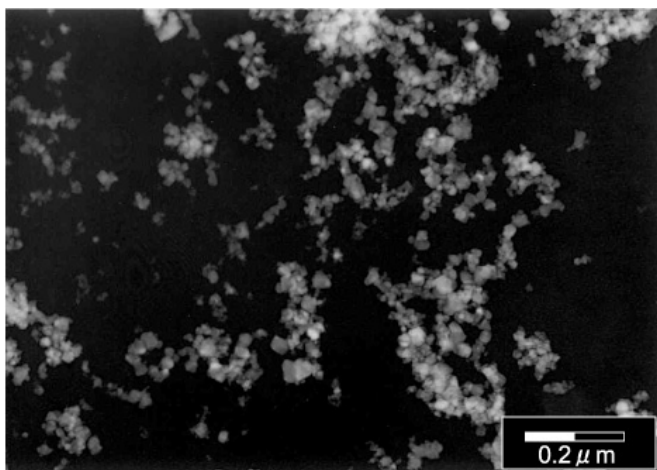
### Physical Properties and Typical Analysis

#### Physical Properties

Whiteness	W (Lab)	99
Crystalline Form		Cubic
Particle Size in BET	μm	0.02c
Surface Area	m <sup>2</sup> / g	50
Bulk Density	g / cm <sup>3</sup>	0.2

#### Physical Properties

Purify	Sb <sub>2</sub> O <sub>3</sub>	%	99.4
Arsenic	As	%	0.03
Lead	Pb	%	0.02
Iron	Fe	%	0.001>
Sulfate	SO <sub>4</sub>	%	0.01>
Moisture	H <sub>2</sub> O	%	0.10



### Characteristics

**Super fine particle:** The particle size is very fine, with average 0.02 micron. The appearance of this grade is white and slightly cohered powder is easily crushed into almost cubic shape of crystalline form.

**High surface area:** The special surface area is very high with 50 m<sup>2</sup> / g, which is 10 to 50 times that other usual grades. This feature gives high surface activities.

**Non-hydrated:** The powder is an anhydrous compound.

\* The statement and methods presented herein about the products are based upon the best available data and practices currently known to us. However they are neither presentations nor warranties of performance, results or comprehensiveness of such data, and further they do not imply any recommendation to infringe any patent or offer of a license under any license.



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