

Ammonium Thiosulfate

Data Sheet

- ▶ **Product name:** Ammonium Thiosulfate.
- ▶ **Chemical name:** Ammonium Thiosulfate.
- ▶ **Chemical formula:** $(\text{NH}_4)_2\text{S}_2\text{O}_3$
- ▶ **Packaging:** in bulk or in customized packages.
- ▶ **Appearance:** Colorless, sediment-free, slightly-alkaline, ammoniac odor solution.

- ▶ **Product:** Ammonium Thiosulfate - Agrochemical
- ▶ **Product identification in the program:** "Manufactured Products Control"
- ▶ **Code:** TSA23112004

SPECIFICATIONS			
Parameter	Unit	Minimum	Maximum
Density at 25°C (77°F)	g/mL	1.310	1.330
Product pH (pure) at 25°C (77°F)	-	8.00	9.20
Degree Baumé	°Bè	34.30	36.00
SO ₃ sulfites=	% (p/p)	-	2.50
Alkalinity as NH ₃	% (p/p)	0.30	1.00
Purity - Ammonium Thiosulfate	% (p/p)	56.00	60.00
Color	Colorless - Light yellow		
Appearance	Liquid, clear, no visible impurities.		

- ▶ **Product:** Ammonium Thiosulfate - Photographic Quality
- ▶ **Product identification in the program:** "Manufactured Products Control"
- ▶ **Code:** TSA13012006

SPECIFICATIONS			
Parameter	Unit	Minimum	Maximum
Densidad a 25°C	g/mL	1.310	1.345
pH del Producto Puro a 25°C	-	8.00	9.20
Alcalinidad como NH ₄ OH	% (p/p)	0.40	0.80
Pureza - Tiosulfato de Amonio	% (p/p)	57.50	60.50
Sulfitos SO ₃ =	% (p/p)	-	0.7
Color	Colorless		
Aspecto	Colorless, clear liquid. No visible impurities		



Product Applications:

- ▶ **Photographic industry:** fixer preparation
- ▶ **Galvanoplasty:** brightener
- ▶ **Other:** white metal cleaner
- ▶ **Agricultural and livestock industry:** as a nutrient for the development of bacteria in silage processes in the agricultural and livestock industry. Fertilizer contributing the soils with Na + S.

Sulfur acts in two different forms: as a sulfate (50% of total sulfur content) and as elemental sulfur (the remaining 50%). This results in the fertilizer's immediate action and residual effect in terms of sulfur availability, which allows for the assimilation of other nutrients present in the soil.

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