

**Product name: THIOBARBITURIC ACID**

Article No.	554308
Grade	AR
Purity	99%
CAS No.	504-17-6
Molecular Formula	C <sub>4</sub> H <sub>4</sub> N <sub>2</sub> O <sub>2</sub> S
Molecular Weight	144.15
H.S. Code	2933.5200
Shelf Life	60 Months

- **Physical properties**

<b>Physical State at 20°C</b>	Solid
<b>Color</b>	White to cream
<b>Odour</b>	Unpleasant
<b>pH Value</b>	1.7 - 1.9
<b>Melting Point/ Freezing Point [°C]</b>	245 °C
<b>Flash Point [°C]</b>	93.3 °C
<b>Solubility in Water [% weight]</b>	Soluble in water

Area 269A, 1<sup>st</sup> industrial zone, 6<sup>th</sup> of October city,

Giza, Egypt.

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- **Specifications**

Appearance	White to faint yellow to faint brown powder
Solubility	Soluble in hot water
Assay (acidimetric; on dried substance)	Min 99.00%
pH (1% solution in water)	About 1.8
Loss on Drying	Max 1.0%
Residue on Ignition	Max 0.1%
Packings	100gm