

## Product Information

### TECHNICAL DATA SHEET / Specification Sheet

#### **Mercuric Nitrate**

Synonym	: Mercuric nitrate monohydrate
Molecular Formula	: $\text{Hg}(\text{NO}_3)_2 \cdot \text{H}_2\text{O}$
Molecular Weight	: 342.62
CAS No.	: 7783-34-8
Shelf Life	: 5 years

#### **Technical Specification**

Appearance (Color)	White to Off-White
Appearance (Form)	Conforms to Requirements
Pow der, Crystals, Solid and/or Chunks	
Titration by KSCN (% Hg)	$\geq 57.4 \%$
ICP: Confirms Mercury Componen	Confirmed
Trace Metal Analysis	$\leq 100.0 \text{ ppm}$
Purity	Meets Requirements
$\phi = 99.99\%$ Based On Trace Metals Analysis	
Residue on Reduction	$\leq 0.01 \%$
Chloride Content	$\leq 0.002 \%$
Iron (Fe)	$\leq 0.001 \%$
Sulfate (SO <sub>4</sub> )	$\leq 0.002 \%$