

# *Chem-Impex International, Inc.*

---

**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

---

## *Certificate of Analysis*

<b>Catalogue Number</b>	22978
<b>Lot Number</b>	000331-27495
<b>Product</b>	<b>Mercuric(II) oxide red</b>

Mercuric oxide red

<b>CAS Number</b>	21908-53-2
<b>Molecular Formula</b>	HgO

<b>Molecular Weight</b>	216.59
-------------------------	--------

---

<b>Appearance</b>	Red amorphous powder
<b>Solubility</b>	Insoluble in water. Soluble in Nitric acid and Hydrochloric acid.
<b>Melting Point</b>	Decomposes into mercury and oxygen at 500 °C.
<b>Anion</b>	Chloride (Cl <sup>-</sup> ): < 0.025% Sulfate (SO <sub>4</sub> <sup>2-</sup> ): < 0.015%
<b>Cation</b>	Nitrogen compounds (as N): < 0.005% Iron (Fe): < 0.005%
<b>Insoluble</b>	0.012% (in dilute HCl)
<b>Assay by titration</b>	99.18%
<b>Grade</b>	ACS reagent
<b>Application</b>	Catalyst
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Identification: Positive Residue after reduction: 0.012%

## ***Certificate of Analysis***

**Catalog Number: 22978**

**Lot Number: 000331-27495**

---

**Remarks**

See material safety data sheet for additional information

For laboratory use only

**The foregoing is a copy of the Certificate of Analysis as provided by our supplier**

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

**Bala Kumar**  
**Quality Control Manager**