



Specification

Mercuric Oxide Yellow ACS

Catalog Number: MY1004
CAS Number: 21908-53-2
Synonym(s): Mercury (II) Oxide
Molecular Formula: HgO
Molecular Weight: 216.59

Test	Specification
Description:	Yellow-orange to orange powder
Identification:	Positive
Solubility:	Insoluble in water, soluble in Nitric and Hydrochloric acid
Assay (HgO):	≥ 99.0 %
Insoluble in diluted hydrochloric acid:	0.030 % maximum
Residue after reduction:	0.050 % maximum
Chloride (Cl):	0.025 % maximum
Sulfate (SO ₄):	0.01 % maximum
Nitrogen compounds (as N):	0.005 % maximum
Iron (Fe):	0.003 % maximum

Approved:

Date: April 16, 2020

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