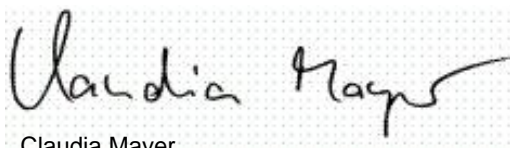


## Certificate of Analysis

**Product Name:** Mercury(II) iodide  
ACS reagent,  $\geq 99.0\%$   
**Product Number:** 221090  
**Batch Number:** STBK6039  
**CAS Number:** 7774-29-0  
**Formula:**  $\text{HgI}_2$   
**Formula Weight:** 454.40  
**Quality Release Date:** 01 FEB 2022

TEST	SPECIFICATION	RESULT
APPEARANCE (COLOR)	ORANGE TO DARK ORANGE TO DARK RED	ORANGE-RED
APPEARANCE (FORM)	POWDER	POWDER
SOLUBILITY	PASS	PASS
ICP ANALYSIS	CONFIRMS MERCURY COMPONENT	CONFIRMED
Miscellaneous Assay	$\geq 99.0\%$ $\text{HgI}_2$ WITH $\text{KIO}_3$ , (DRY BASIS)	99.9 %
ACS SPECIFICATIONS	MEETS CURRENT ACS REQUIREMENTS	CONFORMS
MERCUROUS MERCURY	$\leq 0.1\%$ (AS HG)	$< 0.1\%$
SOLUBLE MERCURY SALTS	$\leq 0.05\%$ (AS HG)	$< 0.05\%$



Claudia Mayer

Manager Quality Control  
Steinheim, Germany

Sigma-Aldrich warrants that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

The vibrant M and Sigma-Aldrich are trademarks of Merck KGaA, Darmstadt, Germany or its affiliates. Detailed information on trademarks is available via publicly accessible resources.  
© 2018 Merck KGaA, Darmstadt, Germany and/or its affiliates. All Rights Reserved.

The life science business of Merck KGaA, Darmstadt, Germany operates as MilliporeSigma in the US and Canada.

