



Version	00
Molecular weight	561.22
Quality Test / Release Date	08/13/2019
Molecular Formula	Hg ₂ N ₂ O ₆ · 2 H ₂ O
CAS No	7782-86-7
Linear Formula	Hg ₂ (NO ₃) ₂ ·2H ₂ O
Flash Point (°C)	

Certificate of Analysis

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Acros Organics expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to human or animals. It is the responsibility of the purchaser, formulator or those performing further manufacturing to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	21313	Quality Test / Release Date 08/13/2019
Lot Number	A0411119	
Description	Mercury(I) nitrate dihydrate, 98%, for analysis	
Country of Origin	INDIA	
Declaration of Origin	synthetic	

BSE/TSE comment	
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Chemical Comment	
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Result name	Units	Specifications	Test Value
Appearance (Color)		White to yellow	light yellow
Appearance (Form)		Crystalline powder	Crystalline powder
Assay		≥97.5 %	99.3 %
Insoluble matter		≤0.005 % (in dilute HNO ₃)	0.003 % (in dilute HNO ₃)
Residue after reduction		≤0.01 %	0.0044 %
Chloride (Cl)		≤0.005 %	≤0.005 %
Sulfate (SO ₄)		≤0.005 %	≤0.005 %
Iron (Fe)		≤0.001 %	≤0.001 %
Mercuric Mercury (as Hg)		≤0.5 %	≤0.5 %



A handwritten signature in black ink, appearing to read "L. Van den Broek".

L. Van den Broek, QA Manager

Issued: 08-14-2019

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