



Version	00
Molecular weight	404.29
Quality Test / Release Date	07/05/2019
Molecular Formula	Ce O8 S2 . 4 H2 O
CAS No	10294-42-5
Linear Formula	Ce(SO4)2.4H2O
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	19913	Quality Test / Release Date 07/05/2019
Lot Number	A0410051	
Description	Cerium(IV) sulfate tetrahydrate, 98+%	
Country of Origin	SPAIN	
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)		Bright yellow	Bright yellow
Appearance (Form)		Powder	Powder
Titration Iodometric		>=98.0 %	100.4 %
Heavy metals (as Pb)		==<30 ppm	==<30 ppm
Insoluble matter		==<0.1 % (in H2SO4)	==<0.005 % (in H2SO4)
Subst not pptd by NH4OH		==<0.3 %	==<0.3 %
Chloride (Cl)		==<100 ppm	==<10 ppm
Copper (Cu)		==<30 ppm	==<30 ppm
Iron (Fe)		==<150 ppm	==<50 ppm
Lead (Pb)		==<30 ppm	==<30 ppm
Nickel (Ni)		==<30 ppm	==<30 ppm



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

L. Van den Broek, QA Manager

Issued: 07-08-2019

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