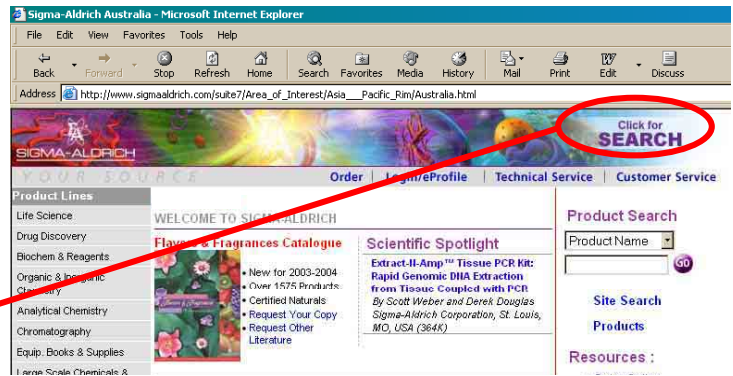


Viewing a Certificate of Analysis via the Sigma-Aldrich Web-Site

1. www.sigma-aldrich.com/canada

NOTE: To view a Certificate of Analysis you do NOT need to be logged on or have an eProfile.

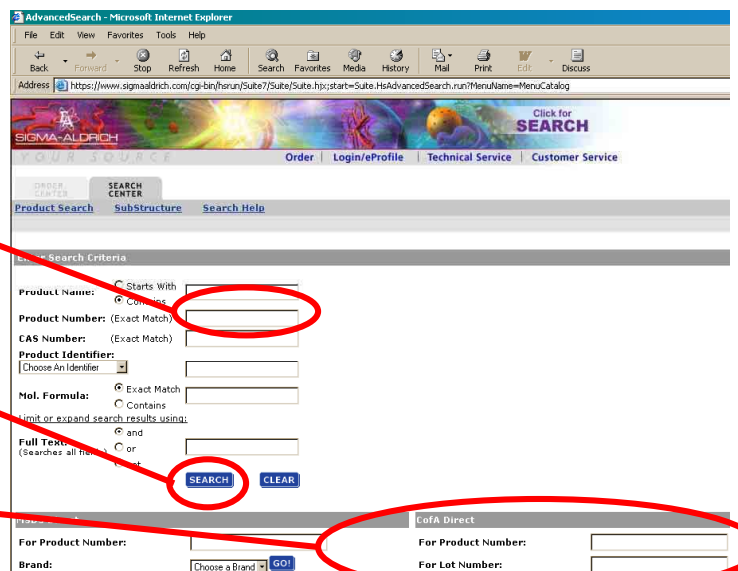
2. Click



3. Enter the Sigma-Aldrich product number in the 'Product Number' field.

4. Click the  button

NOTE: Alternatively, a Certificate of Analysis can be directly accessed using the CofA Direct Section of the Search Centre. The Lot Number of the product must also be supplied as well as the Sigma-Aldrich Product number



5. Skip the next two steps for 'CofA Direct' inquiries.



Viewing a Certificate of Analysis via the Sigma-Aldrich Web-Site

6. Click on the relevant product number in the pane on the right.

NOTE: You will be taken to a more detailed product information section. Here you can access a range of information and documents about the selected product.

Score	Product No.	Description
100%	T1503	Trizma® base, Primary Standard and Buffer minimum 99.9% (titration) crystalline THAM, Trometamol, 2-Amino-2-(hydroxymethyl)-1,3-propanediol, Tris base, 77-86-1, C ₄ H ₁₁ NO ₃ , MFCD00004679

7. Enter the Lot Number of the product in the pane on the left and click the Certificate of Analysis link to display a CofA.

SIGMA-T1503 Trizma® base
Primary Standard and Buffer minimum 99.9% (titration) crystalline

Identifiers

Synonyms	THAM Trometamol 2-Amino-2-(hydroxymethyl)-1,3-propanediol Tris base	CH ₂ OH HOCH ₂ -C-CH ₂ OH NH ₂
Molecular Formula	C ₄ H ₁₁ NO ₃	Zoom In
Molecular Weight	121.1	
CAS Number	77-86-1	
Beilstein Registry Number	741893	
EINEK Number	2010544	
EC Number	MFCD00004679	

Description
General description A 40% (w/w) solution in water is clear and colorless.
Application The pH values of all buffers are temperature and concentration dependent. For Tris buffers pH increases about 0.03 unit per°C decrease in temperature, and decreases 0.03-0.05 unit per ten-fold dilution. For precise applications, use a carefully calibrated pH meter with a glass/calomel combination electrode. For the removal of soluble cytoplasmic proteins from lysophized bacteria see references 1. and 2.

Related Documents

- [MSDS](#)
- [FT-IR Raman - RAI005753](#)
- [Lot Specific Information](#)
- [Certificate of Analysis](#)
- [Certificate of Origin](#)
- [Lot #](#)
- [Specification Sheet](#)
- [T1503 - Product Information Sheet \(29kb\)](#)

8. The CofA will be displayed in your Internet browser.



If you any questions or the required Certificate of Analysis is not available on-line, please call 1 800 565 1400 or email canada@sial.com.



SIGMA-ALDRICH