

Theisite

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PubChem

Reference [481106276](#)

Collection SID

PubChem CID Not available and might not be a discrete structure.

Description Theisite is a mineral with formula of $\text{Cu}^{2+}_5\text{Zn}^{2+}_5\text{As}^{5+}_2\text{O}_8(\text{OH})_{14}$ or $\text{Cu}_5\text{Zn}_5(\text{AsO}_4)_2(\text{OH})_{14}$. The corresponding IMA (International Mineralogical Association) number is IMA1980-040. The IMA symbol is Ths.

► [RRUFF Project](#)

1 Synonyms



Theisite

RefChem:4936

Ths

► [PubChem](#)

2 Spectral Information

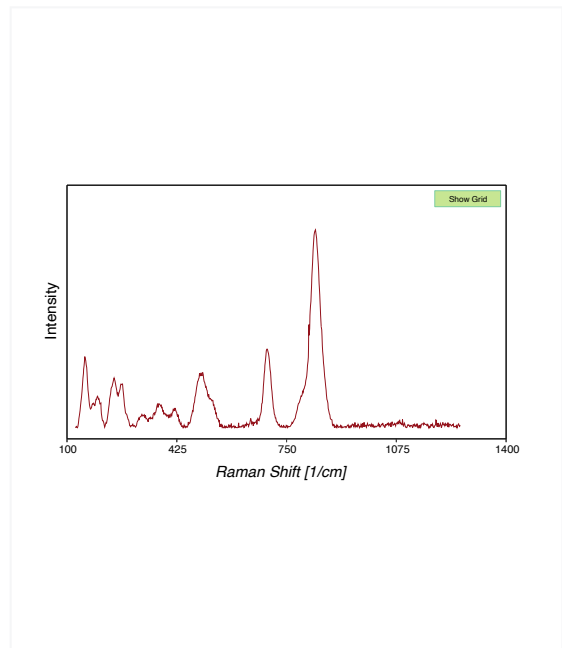


2.1 Raman Spectra



Type	Raman Spectrum
Mineral	Theisite
RRUFF ID	R050326
Sample	Oriented
Raman Data	Processed
Wave Length	532 nm

Thumbnail



► [RRUFF Project](#)

3 Related Records



3.1 Substances



3.1.1 PubChem Reference Collection SID

[481106276](#)

► [PubChem](#)

4 Minerals



1 of 4 items

Name	THEISITE
Formula	$\text{Cu}_5\text{Zn}_5(\text{As}^{+++++}, \text{Sb}^{+++++})_2\text{O}_8(\text{OH})_{14}$
System	Orthorhombic

▶ [Athena Minerals](#)

2 of 4 items	
Name	Theisite
IMA Number / Year	1980-040
IMA Symbol	Ths
Status	A - Approved
Formula	$\text{Cu}_5\text{Zn}_5(\text{AsO}_4)_2(\text{OH})_{14}$
Reference(s)	Mineralogical Magazine 46 (1982), 49

▶ [Commission on New Minerals, Nomenclature and Class...](#)

3 of 4 items	
Name	theisite
Link	PDF

▶ [Handbook of Mineralogy](#)

4 of 4 items	
Name	Theisite
Data Views	RRUFF database IMA list Cell parameters
IMA Number	IMA1980-040
Formula	$\text{Cu}^{2+}_5\text{Zn}^{2+}_5\text{As}^{5+}_2\text{O}_8(\text{OH})_{14}$ or $\text{Cu}_5\text{Zn}_5(\text{AsO}_4)_2(\text{OH})_{14}$
IMA Symbol	Ths

PDF Link	Theisite.pdf
References	<p>1. Fleischer M, Pabst A, New mineral names, American Mineralogist, 1983, 68, 280-283.</p> <p>2. Olmi F, Sabelli C, Brizzi G, Agardite-(Y), Gysinite-(Nd) and other rare minerals from Sardinia, The Mineralogical Record, 1988, 19, 305-310.</p> <p>3. Williams S A, Theisite, a new mineral from Colorado, Mineralogical Magazine, 1982, 46, 49-50.</p>

► RRUFF Project

5 Information Sources



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1. PubChem

<https://pubchem.ncbi.nlm.nih.gov>

2. Athena Minerals

LICENSE

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Theisite

<https://athena.unige.ch/minfich?id=THEISITE>

3. Commission on New Minerals, Nomenclature and Classification (CNMNC)

LICENSE

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<https://cnmnc.units.it/>

4. Handbook of Mineralogy

theisite

<http://www.handbookofmineralogy.org/pdfs/theisite.pdf>

5. RRUFF Project

Theisite

<https://www.rruff.net/Theisite>

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<https://www.rruff.net/R050326>