

SCIENTISTS FIND STRONGEST EVIDENCE OF LIFE ON DISTANT PLANET

*We
develop a passion
for Teaching!*



From ufos to possible alien
abductions
We're fascinated by the idea
of
Extraterrestrial life now
scientists
Have found the strongest
evidence yet
That a planet 124 light years
away could
Be home to life researchers
detected
Molecules in the atmosphere
on the
K218b which on Earth are
produced by
Marine organisms more data
is needed to
Confirm the findings as our

science
Correspondent Palip Go
reports could
This faraway world be home
to life 18
Months ago scientists
detected tiny
Hints of gas molecules in the
atmosphere
Of planet
K218b that might have been
produced by
Life now the scientists
leading the
Search told me that the
evidence has
Grown it is certainly the
strongest sign
We have seen yet right that

can't be
Denied so I can realistically
say that
We could confirm this signal
within one
Or two years if you do what
would this
Say
About the prospect of life on
other
Worlds i think if
We confirm that there is life
on
K28b that would basically
imply that
Life should be very common
in the galaxy
K218b is 2 and a half times
the size of

Earth and it's 700 trillion
miles away
The James Web Space
Telescope is so
Powerful it can analyze the
chemical
Composition of the
atmosphere from the
Light that passes through it
from the
Small red star it orbits its
chemical
Signature seems to suggest
that it
Contains molecules which on
Earth can
Only be produced by living
organisms and
It's such a strong signal that if

it is
Home to life it's plentiful
Everything that's being
spoken here is
Confidential
Professor Mad Husiedin and
his team put
The final touches on the
scientific
Paper outlining their findings
although
The evidence for the
molecules is
Increasing they still don't
have enough
To say that they're definitely
there
More data will give us uh
more more

Light from this planet which
will give
Us more certainty that that
this
Particular chemical is there
but even
With perfect data you still
won't be
Able to say this is definitely
of a
Biological origin because you
know loads
Of strange things happen in
the universe
And we don't know what
other geophysical
Activity could be happening
on this
Planet these latest results

from k218b
Are tentative but astronomers
believe
That they're getting ever
closer to
Answering one of the biggest
questions
In science are we alone in the
Universe pal reporting and
palab the
First thing I would say is I
think this
Planet needs a better name
than than
K218b it's not a very poetic
name is it
Kapalab what's this planet
like compared
With Earth um well first of all

planets
Are given letters and numbers
because
There are a billion in our own
galaxy so
We'd soon run out of names
now

K218b is thought to be a
gigantic water
World so it's about two and a
half times
The size of Earth it's got a
hydrogen
Atmosphere and a giant ocean
underneath
That atmosphere so if there is
life
There it will be swimming
around in that

Ocean now it is incredibly
exciting that
The discovery of life on
another world
Is would be the biggest
discovery of all
Time but we're not there yet
as
Katherine Haymon said in my
report um we
Don't know for sure that the
gas is
Still there we don't know for
sure if it
It just because it's produced
by
Plankton on earth it could be
produced
By other things I on another

world
However the this is as uh
professor
Mhusedin said the strongest
evidence yet
That there might be life on
another
Planet but there's more work
to do when
Might they be able to give us
a certain
Answer well they say they're
going to
Have a certain answer for the
presence
Of these molecules within
two years but
Then the bickering starts
because is the

Gas produced by life or is it
produced
By some weird volcano or
some natural
Means so they'll it'll be a
gradual
Process where they'll get
evidence
Perhaps from other worlds
other planets
Chemists will try and
reproduce the gas
Artificially and then
eventually
Scientists will agree that it
probably
Is from life but a better
chance of
Finding life is maybe in our

own
Backyard on one of the icy
moons of
Jupiter or Saturn and there are
lots of
Spacecraft and probes trying
to find
Just that so you know it's a
question
That we've been asking for
thousands of
Years and now we've got
amazing tools
And resources to possibly
answer that
Big question i mean they have
to be
Amazing resources don't they
because

This planet K2 18b is so far
away it's
Um so 124 light years no one
really
knows what that means that's
700
trillion miles no one really
knows what
that is it's just a long long way
away
and if you just think about it
we're
able to analyze the
atmosphere of that
world from a tiny amount of
starlight
coming to us so so that's
amazing and
this will be the first of many

planets
that will be studied in this
way pal
thank you very much p of
Gish.

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