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## Certificate

*It is here by certified that the paper ID : IJRASET46517, entitled*

*Relationship Between Serum Vitamin D Levels and Bacterial Load Sputum in  
Tuberculosis Patients in Simalungun, North Sumatra, Indonesia*

*by*

*Nico Dana Saputra*

*after review is found suitable and has been published in  
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Good luck for your future endeavors*

*By [Signature]*

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