

## 7.0 CONCLUSION

In conclusion, the present investigation suggests that the alcoholic extract showed remarkable antioxidant activity and/or free radical scavenging activity, antiglycation, property and inhibit the accumulation of sorbitol and ALR enzyme. Moreover, evaluation of in-vivo animal studies indicates an effective role of alcoholic extract of *Pterocarpus marsupium* in combating the diabetic complications like nephropathy and neuropathy by reducing the elevation of blood glucose and improving the nephropathic and neuropathic parameters of estimation along with antioxidant potential due to the presence of phenolic compounds. Therefore, our study suggested that oxidative stress plays a prime role in the pathophysiology of diabetic complications and alcoholic extract of *P. marsupium* showed the ability to attenuate these complications through its antioxidant action.



*Chapter 8*  
*References*



## 8.0 REFERENCES

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