

بسم الله الرحمن الرحيم





شبكة المعلومات الجامعية التوثيق الالكتروني والميكرو فيلم



جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأقراص المدمجة قد أعدت دون أية تغيرات



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تحفظ هذه الأقراص المدمجة بعيدا عن الغبار





بعض الوثائق الأصلية تالفة





بالرسالة صفحات
لم ترد بالأصل



B I V I A N
Suez canal University
Faculty of Veterinary Medicine
Department of Clinical Pathology



Clinicopathological studies on the effect of somatotropin in buffalo-calves

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Thesis
Submitted to Suez Canal University
For Ph.D. of Veterinary Medicine Science
(Clinical Pathology)
Department of Clinical Pathology

(2006)

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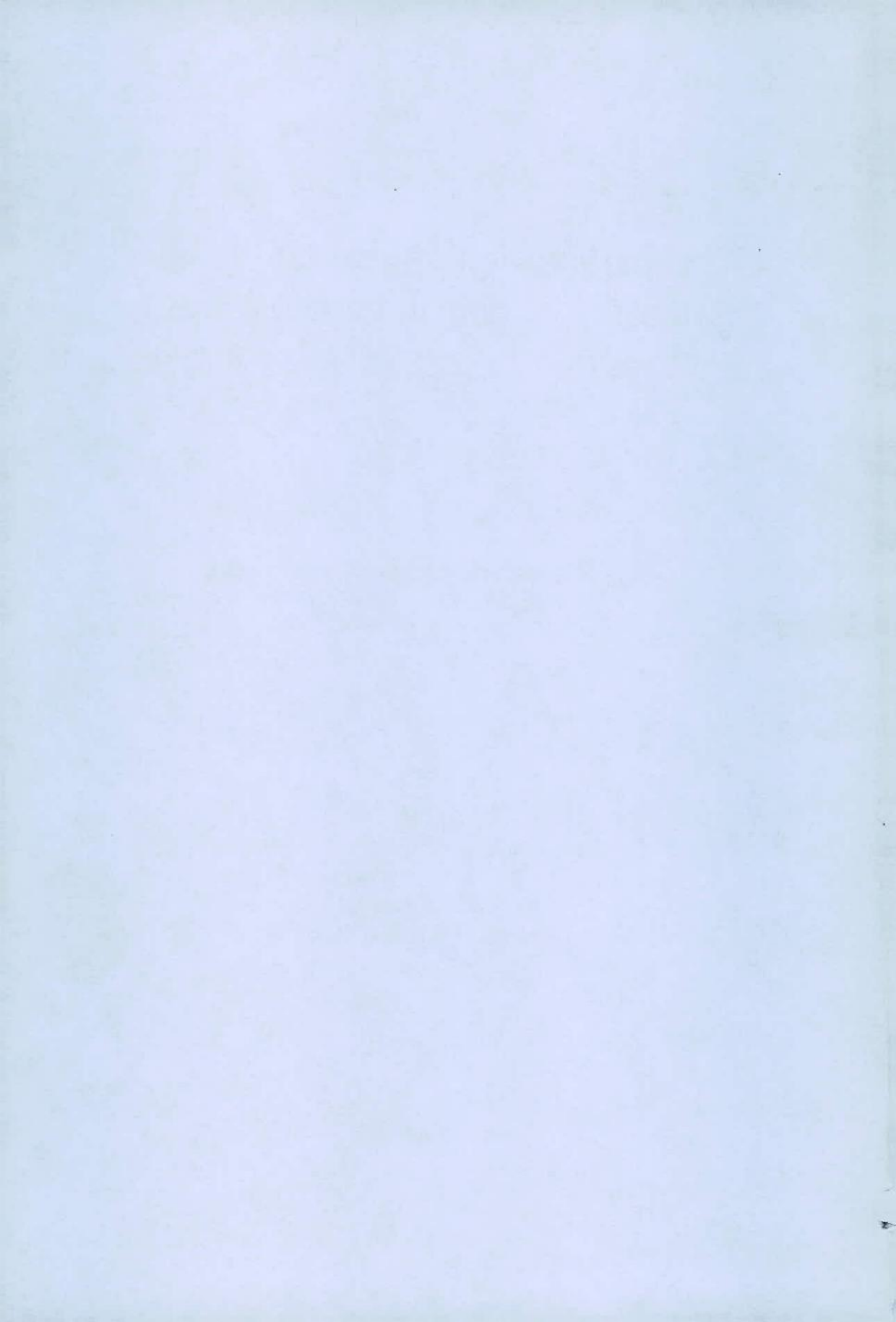
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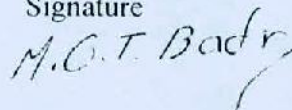
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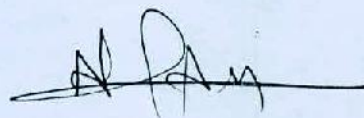
This is to approve that the dissertation submitted by Vet. **Taha Abd El-Kadder Abd El-Fatah Ghattas** to Suez Canal University entitled (**Clinicopathological studies on the effect of somatotropin in buffalo-calves**) for the Ph.D of Veterinary Medical science in Clinical Pathology, has been approved in 11/7/2006 by the examining committee:

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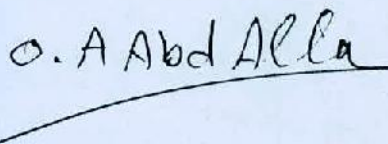
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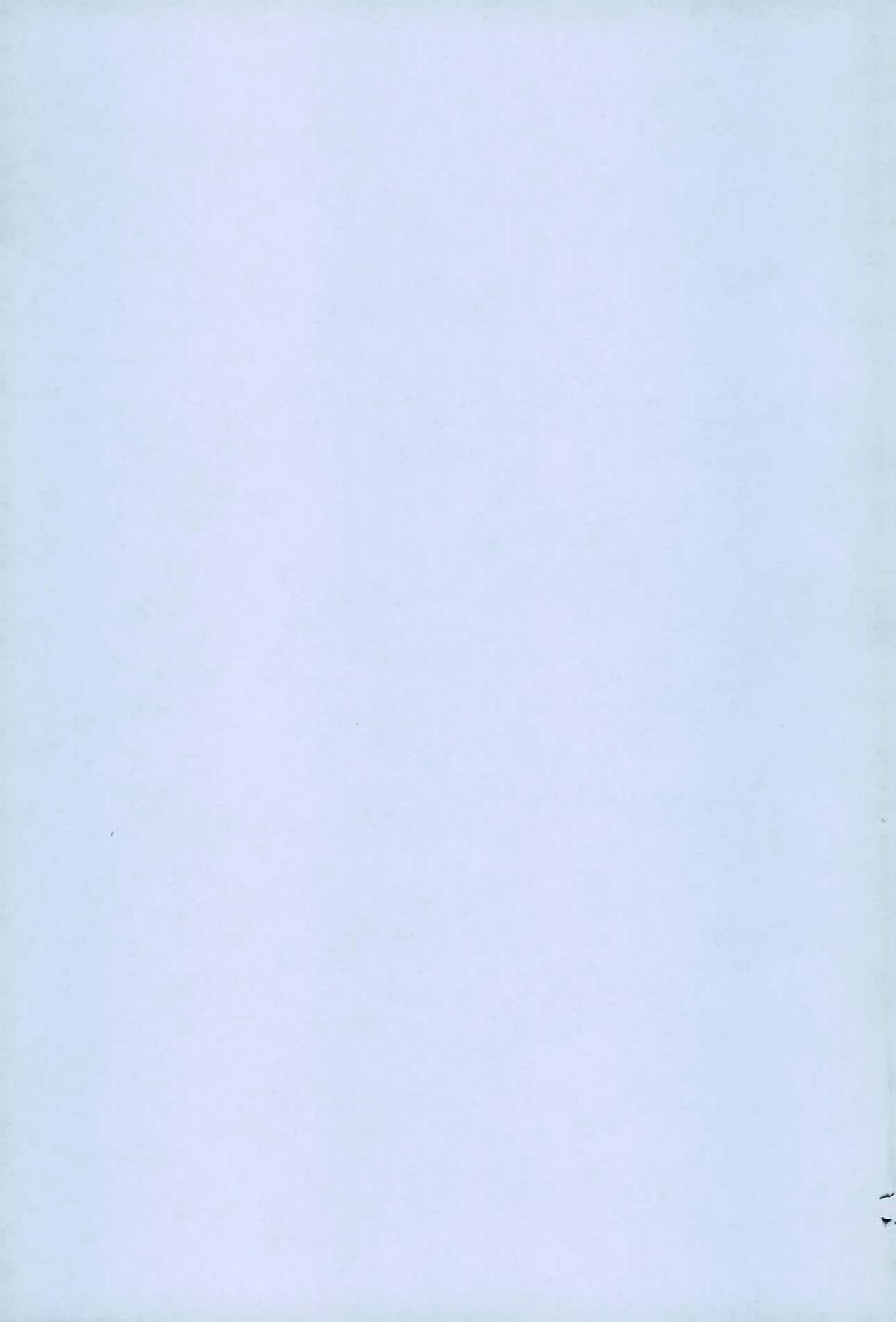
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English Abstract	
This study carried out on 20 female and male buffalo-calves at animal reproduction research institute farm to study the effect of (rbst) on growth and age of puberty, in addition to haematological, biochemical and hormonal parameters. The result revealed increase in body weight, decrease age of puberty compared to control. The results also, showed significant increase in total leucocytic count, glucose, t.protein, globulin, cholesterol, free fatty acid, phosphorous, zinc and copper, in addition to increase in IGF-1, progesterone in females and testosterone in male calves. Also, significant decrease in albumin, albumin/globulin ratio and t.lipid in treated group compared to control. We recommend use (rbst) in growing buffalo-calves accompanied with good balanced ration.	
Key words	Recombinant somatotropin hormone, Buffalo-calves, body weight, age of puberty, haematological, biochemical, hormonal parameters.

