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Karakterisasi
Isolasi Dan
Amilase Dari
Karakterisa
Bakteri Laut
si Amilase
Dari
Bakteri
Laut

The
biochemistry of
food is the

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Amilase Dari
Bakteri Laut

foundation on
which the
research and
development
advances in
food
biotechnology
are built. In
Food
Biochemistry
and Food
Processing, lead

Bookmark File
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Karakterisasi
editor Y.H. Hui
Amilase Dari
has assembled
Bakteri Laut
over fifty
acclaimed
academicians
and industry
professionals to
create this
indispensable
reference and
text on food
biochemistry

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Bakteri Laut

and the ever-increasing development in the biotechnology of food processing. While biochemistry may be covered in a chapter or two in standard reference books

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on the
Amilase Dari
Bakteri Laut

chemistry,
enzymes, or
fermentation of
food, and may
be addressed in
greater depth
by commodity-
specific texts
(e.g., the
biotechnology of
meat, seafood,

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Karakterisasi
or cereal),
Amilase Dari
books on the
Bakteri Laut
general

coverage of food
biochemistry
are not so
common. Food
Biochemistry
and Food
Processing
effectively fills
this void.

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Beginning with sections on the essential principles of food biochemistry, enzymology and food processing, the book then takes the reader on commodity-by-commodity

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Karakterisasi
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Bakteri Laut
discussions of
biochemistry of
raw materials
and product
processing.

Later sections
address the
biochemistry
and processing
aspects of food
fermentation,
microbiology,

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and food safety.
Amilase Dari
As an invaluable
Bakteri Laut
reference tool
or as a state-of-
the-industry
text, Food
Biochemistry
and Food
Processing fully
develops and
explains the
biochemical

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Karakterisasi
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aspects of food
processing for
scientist and
student alike.

In today's
world,
bioplastics are
becoming increa
singly prominent
owing mainly to
scarcity of oil,
increase in the

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Karakterisasi
cost of petroleu
Amilase Dari
m-based
Bakteri Laut
commodities,
and growing
environmental
concerns with
the dumping of
non-
biodegradable
plastics in
landfills.
This book

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summarizes the field of bioplastics by illustrating how they form a unique class of research area that integrates pure and applied sciences such as chemistry, engineering and

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Karakterisasi
materialsscience,
Amilase Dari
Bakteri Laut
e, to initiate
solutions.

Compelling
science
demystics
thiscomplex and
often ambiguous
branch of study
for benefit of
allthose
concerned with

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Karakterisasi
bioplastics.

This textbook
provides a clear
and
authoritative
guide to the
principles and
practice of the
utilization of
enzymes in
biotechnology.
Enzymes have

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increasingly
important
applications in
the food and
pharmaceutical
industry, in
medicine, and
as biosensors.
This multi-
disciplinary
book describes
advances in

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lignocellulose
Amilase Dari
biodegradation
Bakteri Laut
and applications
in
biotechnology.
Indeks makalah
konferensi,
lokakarya,
seminar dan
sejenisnya di
Indonesia
Elements of

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Karakterisasi
zoology
Amilase Dari
Understanding
Bakteri Laut
Enzymes
Environmental
Microbiology
Biocatalysis
Teknologi Ferme
ntasiYayasan
Kita Menulis
Here, leading
contributors
from the

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Karakterisasi
forefront of
this exciting
technology

present
authoritative
and timely
reviews on the
state of the
art of
biocatalysis.
They cover the
whole spectrum
from the

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Bakteri Laut

discovery of
novel enzymes -
by modern
screening,
evolutionary or
immunological
approaches -
through
immobilization
techniques for
technical
processes, to
their use in

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the asymmetric
Amilase Dari
synthesis of
Bakteri Laut
important
target
compounds .
Understanding
Enzymes :
Function,
Design,
Engineering,
and Analysis
focuses on the
understanding

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Karakterisasi
of enzyme
Amilase Dari
Bakteri Laut
function and
optimization

gained in the
past decade,
past enzyme
function
analysis,
enzyme
engineering,
and growing
insights from
the simulation

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work and
Amilase Dari
nanotechnology
Bakteri Laut
measurement of
enzymes in
action in vitro
or in silico.
The book also
presents new
insights into
the mechanistic
function and
understanding
of enzyme

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Karakterisasi
reactions, as
Amilase Dari
well as
Bakteri Laut
touching upon
structural char
acteristics,
including X-ray
and nuclear
magnetic
resonance (NMR)
structural
methods. A
major focus of
the book is

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enzyme
molecules'
Bakteri Laut
dependency on
dynamic and
biophysical
environmental
impacts on
their function
in ensembles as
well as single
molecules. A
wide range of
readers,

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including
Amilase Dari
academics,
Bakteri Laut
professionals,
PhD and
master's
students,
industry
experts, and
chemists, will
immensely
benefit from
this exclusive
book.

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Karakterisasi
Sturkie's Avian
Amilase Dari
Physiology is
Bakteri Laut
the classic
comprehensive
single volume
on the
physiology of
domestic as
well as wild
birds. The
Fifth Edition
is thoroughly
revised and

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updated, and
includes new
chapters on the
physiology of
incubation and
growth.
Chapters on the
nervous system
and sensory
organs have
been greatly
expanded due to
the many recent

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advances in the
field. The text
also covers the
physiology of
flight,
reproduction in
both male and
female birds,
and the immunop
hysiology of
birds. The
Fifth Edition,
like the

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Karakterisasi
earlier
Amilase Dari
editions, is a
Bakteri Laut
must for anyone
interested in
comparative
physiology,
poultry
science,
veterinary
medicine, and
related fields.
This volume
establishes the

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Karakterisasi
standard for
Amilase Dari
Bakteri Laut
those who need
the latest and
best

information on
the physiology
of birds.

Thoroughly
updated and
revised

Coverage of
both domestic
and wild birds

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Karakterisasi

New larger
format Only
comprehensive,
single volume
devoted to
birds

The Yeasts
Bioinformatics
Technologies
Bioinformatics
For Dummies
Enzymes in
Industry

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Karakterisasi
**Panduan
Praktikum
Mikrobiologi**

Hasil Perairan

This book is the first to bring together essential information on the application of ozone in food processing, providing an insight into the current state-of-the-art and

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Karakterisasi
reviewing
Amilase Dari
established and
Bakteri Laut
emerging

applications in food
processing,
preservation and
waste
management. The
chemical and
physical properties
of ozone are
described, along
with its microbial

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inactivation
Amilase Dari
mechanisms. The
Bakteri Laut
various methods of
ozone production
are compared,
including their
economic and
technical aspects.
Several chapters
are dedicated to
the major food
processing
applications: fruit

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and vegetables,
grains, meat,
seafood and food
hydrocolloids, and
the effects on
nutritional and
quality parameters
will be reviewed
throughout. Further
chapters examine
the role of ozone in
water treatment, in
food waste

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treatment and in
deactivating
pesticide residues.

The international
regulatory and
legislative picture is
addressed, as are
the health and
safety implications
of ozone processing
and possible future
trends.

Written by experts

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Karakterisasi
in the field, Marine
Amilase Dari
Microbiology
Bakteri Laut
presents the latest
experimental
techniques in the
detail required for
modern
environmental
microbiological
research. Chapters
start with the
introduction and
background of a

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particular method,
followed by a
concise description
of the procedures
involved. There is
also a list of
vendors who supply
critical components
which includes
names, addresses,
and websites at the
end of each
chapter.

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Enumeration of
autotrophic
picoplankton,
bacteria and
viruses

Fingerprinting Viral
Assemblages by
Pulsed Field Gel
Electrophoresis
(PFGE)

Fluorescence in situ
hybridization with
rRNA-targeted

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oligonucleotide
Amilase Dari
Bakteri Laut
probes Detection of
phytoplankton by
remote sensing
Covers both
established and
novel current
methods Historical
perspective
Coverage of marine
pollution
microbiology and
microbes in

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extreme
Amilase Dari
environments List
Bakteri Laut
of suppliers
provided at end of
each chapter Colour
plate section
For microbiology
and environmental
microbiology
courses, this
leading textbook
builds on the
academic success

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Karakterisasi
of the previous
Amilase Dari
edition by including
Bakteri Laut
a comprehensive
and up-to-date
discussion of
environmental
microbiology as a
discipline that has
grown in scope and
interest in recent
years. From
environmental
science and

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microbial ecology to
topics in molecular
genetics, this
edition relates
environmental
microbiology to the
work of a variety of
life science,
ecology, and
environmental
science
investigators. The
authors and editors

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have taken the care
to highlight links
between

environmental
microbiology and
topics important to
our changing world
such as
bioterrorism and
national security
with sections on
practical issues
such as

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bioremediation,
waterborne
pathogens,
microbial risk
assessment, and
environmental
biotechnology. WHY
ADOPT THIS
EDITION? New
chapters on: Urban
Environmental
Microbiology
Bacterial

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Communities in
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Natural Ecosystems
Bakteri laut
Global Change and
Microbial Infectious
Disease
Microorganisms and
Bioterrorism
Extreme
Environments
(emphasizing the
ecology of these
environments)
Aquatic

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Environments (now
devoted to its own
chapter- was
combined with
Extreme
Environments)
Updates to
Methodologies:
Nucleic Acid -Based
Methods:
microarrays,
phyloarrays, real-
time PCR,

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metagenomics, and
comparative
genomics

Physiological
Methods: stable
isotope
fingerprinting and
functional genomics
and proteomics-
based approaches
Microscopic
Techniques: FISH
(fluorescent in situ

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hybridization) and
atomic force
microscopy Cultural
Methods: new
approaches to
enhanced
cultivation of
environmental
bacteria
Environmental
Sample Collection
and Processing:
added section on

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air sampling
Amilase Dari
Bakteri Laut
Metabolomics
enables new

scientific
discoveries in the
life sciences that
make it of
increasing interest
in biology. Focusing
on analysing
different small
molecules produced
or modified by

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living cells in a high throughput fashion, metabolomics plays an essential role in functional genomics and systems biology studies.

Starting with a general introduction to the field, this research-level book addresses the unique challenges

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associated with
microbial
metabolomics, such
as low biomass
concentration and
distinction between
intra- and
extracellular
compounds,
covering the latest
developments in
microbial
metabolomics

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before discussing
data generation
and analysis and
applications of
quantitative
metabolomics.

Handbook of
Bioplastics and
Biocomposites
Engineering
Applications
Water Relations of
Plants

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Karakterisasi
Foundations In
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Microbiology
Bakteri Laut
Microbial and

Natural

Macromolecules

A Taxonomic Study

This volume

examines the

assessment of higher

order thinking skills

from the

perspectives of

applied cognitive

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*psychology and
measurement theory.*

*The volume
considers a variety of
higher order thinking
skills, including
problem solving,
critical thinking,
argumentation,
decision making,
creativity,
metacognition, and
self-regulation.*

Fourteen chapters by

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Bakteri Laut

*experts in learning
and measurement
comprise four
sections which
address conceptual
approaches to
understanding
higher order thinking
skills, cognitively
oriented assessment
models, thinking in
the content domains,
and practical
assessment issues.*

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The volume discusses models of thinking skills, as well as applied issues related to the construction, validation, administration and scoring of performancebased, selected-response, and constructed-response assessments. The

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goal of the volume is to promote a better theoretical understanding of higher order thinking in order to facilitate instruction and assessment of those skills among students in all K-12 content domains, as well as professional licensure and certification settings.

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*Buku ini berisi
deskripsi materi
yang akan
dipraktikkan dan
materi yang
dipraktikkan, seperti
penggunaan
mikroskop, teknik-
teknik isolasi mikrob
dari hasil-hasil
perairan, cara-cara
analisis kuantitatif
dan kualitatif mikrob
penyebab kerusakan*

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*dan penyebab
penyakit, sanitasi,
serta pengaruh
penggunaan bahan-
bahan pengawet.*

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concepts, words and
phrases make
highlights and notes
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*For courses in
Microbiology Lab*

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*and Nursing and
Allied Health
Microbiology Lab A
Flexible Approach to
the Modern
Microbiology Lab
Easy to adapt for
almost any
microbiology lab
course, this versatile,
comprehensive, and
clearly written
manual is
competitively priced*

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*and can be paired
with any*

*undergraduate
microbiology text.*

*Known for its
thorough coverage,
straightforward
procedures, and
minimal equipment
requirements, the
Eleventh Edition
incorporates current
safety protocols from
governing bodies*

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Bakteri
such as the EPA,
ASM, and AOAC. The
new edition also
includes alternate
organisms for
experiments for easy
customisation in
Biosafety Level 1 and
2 labs. New lab
exercises have been
added on Food
Safety and revised
experiments, and
include options for

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alternate media,
Amilase Dari
Bakteri
making the
experiments
affordable and
accessible to all lab
programs. Ample
introductory
material, engaging
clinical applications,
and laboratory safety
instructions are
provided for each
experiment along
with easy-to-follow

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Karakterisasi
Amilase Dari
Bakteri
*procedures and
flexible lab reports
with review and
critical thinking
questions.*

*Thermophilic
Bacteria is a
comprehensive
volume that
describes all major
bacterial groups that
can grow above
60-65°C (excluding
the Archaea). Over*

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Bakteri Laut

*60 different species
of aerobic and
anaerobic
thermophilic bacteria
are covered.*

*Isolation, growth
methods,
characterization and
identification,
ecology, metabolism,
and enzymology of
thermophilic bacteria
are examined in
detail, and an*

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extensive

Amilase Dari
compilation of recent

Biologi
biotechnological

applications and the

properties of many

thermostable

enzymes are also

included. Major

topics discussed in

the book include a

general review on

thermophilic bacteria

and archaea;

heterotropic bacilli;

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the genus Thermus;
new and rare genera

of aerobic

heterophophs, such

as Saccharococcus,

Rhodothermus, and

Scotohermus;

aerobic chemolithoau

totrophic

thermophilic

bacteria; obligately

anaerobic

thermophilic

bacteria; and

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Karakterisasi
*hyperthermophilic
Thermotogales and
thermophilic
phototrophs.*

*Extensive
bibliographies are
also provided for
each chapter. The
vast amount of
information packed
into this one volume
makes it essential for
all microbiologists,
biochemists,*

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molecular biologists,
and students
interested in the
expanding field of
thermophilicity.
Biotechnologists will
find the book useful
as a source of
information on
thermophiles or
thermostable
enzymes of possible
industrial use.

Products and

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Applications
Measurement of Two
Phase Flow
Parameters
Avian Physiology

Food Biochemistry
and Food Processing
Leading experts from
all over the world
present an overview
of the use of enzymes
in industry for: - the
production of bulk

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products, such as
glucose, or fructose -
food processing and
food analysis -
laundry and
automatic
dishwashing
detergents - the
textile, pulp and
paper and animal
feed industries -
clinical diagnosis and
therapy - genetic
engineering. The

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book also covers identification methods of new enzymes and the optimization of known ones, as well as the regulatory aspects for their use in industrial applications. Up to date and wide in scope, this is a chance for non-specialists to

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acquaint themselves
with this rapidly
growing field. '...The
quality...is so great
that there is no
hesitation in
recommending it as
ideal reading for any
student requiring an
introduction to
enzymes. ...Enzymes
in Industry - should
command a place in
any library,

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industrial or
academic, where it
will be frequently
used.' The Genetic

Engineer and
Biotechnologist

The majority of the
world's people
depend research
work should be
carried out at the
local and regional
level by locally
trained on plants for

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their livelihood since
they grow them for
food, fuel, timber,
fodder and people.

many other uses. A
good understanding
Following the
success of our earlier
book of the practical
factors which govern
the (Techniques in
Bioproductivity and
Photo synthesis;
Pergamon Press,

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1985), which
productivity of plants
through the process
of photosynthesis is
therefore of
paramount was
translated into four
major languages,
importance,
especially in the light
of cur the editors and
contributors have
exten rent concern
about global climate

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change sively revised
the content and
widened the and the
response of both
crops and natural
scope of the text, · so
it now bears a title
ecosystems. in line
with current concern
over global The
origins of this book
lie in a series of
climate change. · In
particular, we have

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Karakterisasi
training courses
sponsored by the
United added

chapters on remote
sensing, con Nations
Environment
Programme (Project
trolled-environment
studies, chlorophyll
No. FP/6108-88-01
(2855); 'Environment
fluorescence,
metabolite
partitioning and

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changes and the productivity of tropical the use of mass isotopes, all of which grasslands'), with additional support from techniques are increasing in their applica many international and national agencies. tion and importance to this subject area.

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Karakterisasi

An extensive revision of the 1985 first edition, this volume combines the biochemistry and functionality of all food components. It provides broad coverage and specific descriptions of selected, major foods, as well as such elements as biotechnology-engineered

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foods and food patents. While directed toward food technologists and nutritionists, the contents are also invaluable to biologists, engineers, and economists in agriculture, food production, and food processing. Updates the first edition by the addition of

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Karakterisasi
genetic engineering
Amilase Dari
progress Contains
previously
unpublished
information on food
patents Includes
oriental and other
ethnic foods, dietetic
foods, and biotechnol
ogy-generated foods
Features additional
material on poultry
and fish
Since the publication

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Bakteri
of earlier editions,
there has been The
new edition has a
number of new
contributors, a
considerable
increase in research
activity in a number
who have written on
the nervous system,
sense organs, of
areas, with each
succeeding edition
including new

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muscle, endocrines,
reproduction,

digestion and immu

chapters and an

expansion of

knowledge in older

chap nophysiology.

Contributors from

previous editions

ters. have expanded

their offerings

considerably. The

fourth edition

contains two new

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Bakteri Laut

chapters, on The
authors are indebted
to various
investigators, muscle
and
immunophysiology,
the latter an area
journals and books
for the many
illustrations used.
Indi where research
on Aves has
contributed
significantly vidual

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acknowledgement is made in the legends and to our general knowledge of the subject. references. Preface to the 'Third Edition Since the publication of the first and second editions, pathways of birds and mammals. New contributors in there has been a considerable

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increase of research
active include M. R.
Fedde and T. B.
Bolton, who have
contributed in avian
physiology in a
number of areas,
including completely
revised and
expanded the
chapters on respiration
endocrinology and
reproduction, heart
and circulation, tion

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and the nervous system, respectively, and J. G. respiration, temperature regulation, and to a lesser ex Rogers, Jr. , W. J. Mueller, H. Opel, and D. e. Meyer, who have made contributions to Chapters 2,16, 17, tent in some other areas. There appeared in

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1972-1974 a four
volume treatise and
19, respectively.

Microbiology: A
Laboratory Manual,
Global Edition

Sturkie's Avian
Physiology

Indeks Majalah
Ilmiah Indonesia

Fermentation and
Enzyme Technology
Elements of

Microbiology

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**Teknologi
Fermentasi”
dengan tepat
waktu. Tujuan dari
penulisan buku ini
tidak lain adalah
untuk membantu
dalam memahami
seperti apa
Teknologi
Fermentasi. Buku
ini juga akan
memberikan
informasi secara**

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Karakterisasi
lengkap mengenai:
Bab 1 Pengantar
dan Sejarah
Perkembangan
Teknologi
Fermentasi Bab 2
Proses - Proses
Fermentasi Bab 3
Peran
Mikroorganisme
dalam Industri Bab
4 Isolasi Dan
Penyimpanan
Kultur Mikroba Bab

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5 Laju
Pertumbuhan Bab
6 Media Laut
Fermentasi Bab 7
Faktor Lingkungan
Bab 8 Teknologi
Fermentasi Tempe
Bab 9 Teknologi
Fermentasi Kecap
Bab 10 Teknologi
Fermentasi
Kombucha Bab 11
Teknologi
Fermentasi Susu

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**Bab 12 Teknologi
Amilase Dari
Enzim Bab 13
Teknologi Laut
Bioetanol
Coordination of
microbial
metabolism.
Biosynthesis of
primary
metabolites.
Biosynthesis of
secondary
metabolites.
Bioconversions.**

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Karakterisasi
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Bakteri
**Regulation of
enzyme
production.**

**Fermentation
kinectics.**

**Continuous
culture. Kinectis
and engineering of
medium
sterilization.**

**Aeration and
agitation.**

**Translation of
laboratory, pilot,**

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**and plant scale
data.**
**Instrumentation
and control.**
Enzyme isolation.
**Enzyme kinetics
and
immobilization.**
Enzyme reactors.
**Microbial and
Natural
Macromolecules:
Synthesis and
Applications brings**

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**together active
scientists and
academicians in
the field who share
updated
information and
research outcomes
from global
experts. Microbial
macromolecular
diversity,
molecular
composure,
genetics, usability**

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of advanced
Amilase Dari
molecular tools
Bakteri
and techniques for
their study as well
as their
applicability are
discussed with
detailed research
perspectives.
Illustrates
fundamental
discoveries and
methodological
advancements

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Karakterisasi

**Discusses novel
functional**

**attributes of
macromolecules**

**Updates progress
on microbial
macromolecular
research**

**Masalah-masalah
yang ditemui
dalam lingkungan
perlu mendapat
jawaban dari
pengetahuan**

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Karakterisasi
mikrobiologi.
Amilase Dari
Peranan
mikroorganisme di
lingkungan adalah
sebagai salah satu
fungsi kehidupan
seperti siklus zat
di alam dan
sebagai
dekomposer
mereka telah
dapat
menunjukkan
peran itu agar

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Karakterisasi
**bumi tidak
dipenuhi oleh
limbah. Laut**

**Pernyataan
tersebut
merupakan pokok
arahan yang telah
penyusun pelajari
dari guru besar
Universitas Negeri
Malang, Prof.
Dwidjoseputro,
dan Institut
Teknologi**

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Karakterisasi
**Bandung, Prof. Dr.
Unus Suriawiria;
sejak edisi
pertama terbit di
FMIPA Unisma.
Microbial Enzymes
and Biotechnology
Photosynthesis
and Production in
a Changing
Environment
Food Engineering
Laboratory Manual
Assessment of**

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Karakterisasi
**Higher Order
Thinking Skills
Microbial**

Metabolomics

**Buku Protein ini
merupakan bagian
dari seri buku
Biokimia Mudah dan
Menggugah yang
ditujukan bagi
mahasiswa sarjana
dan pascasarjana di
perguruan tinggi,**

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Karakterisasi
periset di bidang-
bidang biokimia,
kimia, biologi,
bioteknologi, pangan
dan nutrisi, biomedis
dan bidang-bidang
terkait, serta
masyarakat peminat
biokimia. Seri buku
ini bertujuan untuk
menggambarkan
bahwa biokimia
bukan hanya

Bookmark File
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Karakterisasi
merupakan topik
yang menarik untuk
dipelajari dan

didalami, tapi juga
tidak sulit untuk
dipahami. Biokimia
merupakan ilmu
yang berkaitan erat
dengan kehidupan
dan pemahamannya
dapat dikaitkan
langsung dengan
fenomena kehidupan

Bookmark File
PDF Isolasi Dan
Karakterisasi
**yang kita alami
sehari-hari.**
Amilase Dari
Bakteri Laut

**Cakupan biokimia
sangat luas,
termasuk di
dalamnya biokimia
struktural
(biomolekul), biologi
sel, metabolisme,
bioenergi,
transformasi genetik
dan berbagai aspek
yang terkait. Buku**

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Karakterisasi
Amilase Dari
Bakteri Laut

Protein ini disusun menjadi dua bagian, yaitu bagian pertama yang membahas fungsi dan penggolongan protein, monomer penyusun protein berupa asam amino, dilanjutkan dengan jenis dan pembentukan struktur protein

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Karakterisasi
**yang berkaitan
dengan fungsinya.
Bagian ini juga**

**menjelaskan metode
penentuan struktur
protein dan contoh
kajian fungsi dan
struktur protein
yang diwakili oleh
protein M, yaitu
protein yang
berperan dalam
proses infeksi, dan**

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Karakterisasi
Amilase Dari
Bakteri Laut

**tirosinase dari jamur
kancing yang
berperan dalam
proses pencokelatan.
Bagian kedua
membahas isolasi,
pemurnian,
karakterisasi, dan
bioaktivitas protein.
Pembahasan akan
mencakup
bagaimana kita
dapat memperoleh**

Bookmark File
PDF Isolasi Dan
Karakterisasi
**protein melalui
sumber-sumber yang
alami dan bukan
alami (rekombinan).
Produksi protein
rekombinan
merupakan cara
alternatif untuk
memperoleh protein
fungsional dengan
sifat-sifat dan dalam
jumlah yang
diinginkan secara**

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Karakterisasi
lebih efisien.

**Pembahasannya
mengikutsertakan
ilustrasi yang
memudahkan
pembaca untuk
memahaminya.**

**Biotechnology is now
one of the major
growth areas in
science and
engineering and
within this broad**

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Karakterisasi
Amilase Dari
Bakteri Laut

**discipline enzyme
technology is one of
the areas earmarked
for special and
significant
developments. This
publication is the
second edition of
Microbial Enzymes
and Biotechnology
which was originally
published in 1983. In
this edition the**

editors have attempted to bring together accounts (by the relevant experts) of the current status of the major areas of enzyme technology and specifically those areas of actual and/or potential commercial importance.

Although the use of

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Karakterisasi
Amilase Dari
Bakteri Laut

**microbial enzymes
may not have
expanded at quite
the rate expected a
decade ago, there is
nevertheless intense
activity and
considerable interest
in the whole area of
enzyme technology.
Microbial enzymes
have been used in
industry for many**

centuries although it is only comparatively recently that detailed knowledge relating to their nature, properties and function has become more evident.

Developments in the 1960s gave a major thrust to the use of microbial enzymes in industry. The

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Karakterisasi
**commercial success
of alkaline proteases
and**

**amyloglucosidases
formed a bed-rock
for subsequent
research and
development in the
area.**

Publisher

Description

**Water Relations of
Plants attempts to**

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**explain the
importance of water
through a
description of the
factors that control
the plant water
balance and how
they affect the
physiological
processes that
determine the
quantity and quality
of growth. Organized**

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Amilase Dari
Bakteri Laut

into 13 chapters, this book first discusses the functions and properties of water and the plant cell water relations.

Subsequent chapters focus on measurement and control of soil water, as well as growth and functions of root. This book also

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looks into the water absorption, the ascent of sap, the transpiration, and the water stress and its effects on plant processes and growth. This book will be useful for students, teachers, and investigators in both basic and applied plant science,

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as well as for

botanists,

agronomists,

foresters,

horticulturists, soil

scientists, and even

laymen with an

interest in plant

water relations.

The Southern Pine

Beetle

Teknologi

Fermentasi

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Marine Microbiology
Amilase Dari
Bakteri Laut
**A field and
laboratory manual**
**Functional
Properties of Food
Components**

FROM THE
PREFACE The
purpose of this
laboratory manual
is to facilitate the
understanding of
the most relevant

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unit operations in
food engineering.

The first chapter
presents
information on how
to approach
laboratory
experiments; topics
covered include
safety, preparing
for a laboratory
exercise,
effectively
performing an

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experiment,
properly
documenting data,
and preparation of
laboratory reports.

The following
eleven chapters
cover unit
operations centered
on food
applications:
dehydration ,
thermal processing,
friction losses in

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Bakteri Out
pipes, freezing,
extrusion,
evaporation, and
physical
separations. These
chapters are
systematically
organized to include
the most relevant
theoretical
background
pertaining to each
unit operation, the
objectives of the

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laboratory exercise,
Amilase Dari
materials and
Bakteri Laut
methods . . . ,
expected results,
examples,
questions, and
references. The
experiments
presented have
been designed for
use with generic
equipment to
facilitate the
adoption of this

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Karakterisasi
manual

The Yeasts: A
Taxonomic Study is
a three-volume
book that covers
the taxonomic
aspect of yeasts.
The main goal of
this book is to
provide important
information about
the identification of
yeasts. It also
discusses the

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growth tests that can be used to identify different species of yeasts, and it examines how the more important species of yeasts provide information for the selection of species needed for biotechnology. •

Volume 1 discusses the identification,

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classification and importance of yeasts in the field of biotechnology. • Volume 2 focuses on the identification and classification of ascomycetous yeasts. • Volume 3 deals with the identification and classification of basidiomycetous yeasts, along with

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Karakterisasi
the genus
Prototheca. High-
quality

photomicrographs
and line drawings
Detailed

phylogenetic trees
Up-to-date, clearly
presented yeast
taxonomy and
systematic, easy-to-
use reference
sequence accession
numbers to allow

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for correct
Amilase Dari
identification

Were you always
curious about
biology but were
afraid to sit through
long hours of dense
reading? Did you
like the subject
when you were in
high school but had
other plans after
you graduated?

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genome and analyze
DNA without ever
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this exciting new
discipline. This
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guide leads you

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through every
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that can be done
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programs that slow
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things you can

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alignment Edit and
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3-D structures

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phylogenetic trees

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as well as multiple

new genomes. It

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using servers and
places to seek
resources to find
out about what 's
going on in the
bioinformatics
world.

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you how to get the
most out of your PC
and the right Web
tools so you ' ll be

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searching databases
Amilase Dari
and analyzing
Bakteri Laktat
sequences like a
pro!

Introductio to
bioinformatics.

Overview of
structural
bioinformatics.

Database
warehousing in
bioinformatics.

Modeling for
bioinformatics.

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Karakterisasi
Pattern matching
Amilase Dari
for motifs.

Visualisasi and
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fractal analysis of
biological
sequences.

Microarray data
analysis.

Function, Design,
Engineering, and
Analysis

MIKROBIOLOGI
LINGKUNGAN
PERANAN

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MIKROORGANISM
Amilase Dari
E DAN
KEHIDUPAN
From Discovery to
Application
Protein - Serial
Biokimia Mudah dan
Menggugah
Laboratory Manual
in Biochemistry