



Biotechnology Job Titles

A supplementary report to:

Mapping the Sequence

A labour-market look at Canada's bio-economy



Building skills for Canada's bio-economy



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BioTalent Canada helps Canada's bio-economy industry thrive globally. As a non-profit national organization of innovators leading our bio-economy, BioTalent Canada anticipates needs and creates new opportunities, delivering human resources tools, information and skills development to ensure the industry has access to job-ready people.

With a direct link to a network of leaders in Canada's bio-economy, BioTalent Canada is the industry's trusted and comprehensive source for human resource information and skills development. BioTalent Canada's research, reports, courses, employment bank and programs promote careers, assist companies with human resource issues, and encourage continuing education within the industry. BioTalent Canada is a Canadian sector council—one of many partnership organizations created to address skills-development issues in key sectors of the economy.

Sector councils work as a uniting element to engage business, workers, educators, professional associations and government in a strategic alliance that is focused on determining the specific skills and human resource needs that will enable the sector to thrive. Sector councils provide an industry-specific focus that highlights the technological advancements, human resource planning, training opportunities and industry forecasting, enabling businesses to better prepare for current and future developments.

This document is a supplementary report to "*Mapping the Sequence - A labour-market look at Canada's bio-economy.*"

Please note:

1. This is not a comprehensive list. Some functions could be missing.
2. Actual job titles may vary slightly between organizations.
3. A science background is required for most positions.
4. For the National Occupation Classification (NOC) category descriptions please visit the NOC online at www.hrsdc.gc.ca/noc.

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Biotechnology Job Titles



Clinical Research

Occupation Title	NOC Match	Closest NOC Match	Discrepancy with the NOC	Similar Job Title within the NOC
Clinical Operations Director	Y	0311 - Managers in Health Care	Similar to the NOC	• Director of Clinical Medicine
Clinical Research Manager	Y	0212 - Architecture and Science Managers	Similar to the NOC	• Clinical Projects Manager
Clinical Research Data Specialist	N	2147 - Computer Engineers (Except Software Engineers and Designers)	Biotechnology requires more qualifications than is specified in the NOC.	• Data Communications Specialist
Clinical Research – Medical Writer	N		The NOC has no direct match.	
Clinical Research Scientist	Y	2112 - Chemists	Similar to the NOC	• Research Scientist, Biochemistry • Clinical Chemist
Clinical Research Associate	Y	4165 - Health Policy Researchers, Consultants and Program Officers	Similar to the NOC	• Clinical Research Associate

Communications

Occupation Title	NOC Match	Closest NOC Match	Discrepancy with the NOC	Similar Job Title within the NOC
Public Relations Director	Y	0611 - Sales, Marketing and Advertising Managers	Similar to the NOC	<ul style="list-style-type: none"> • Communications Manager - Public Relations • Public Relations Director
Government Relations Director	N		The NOC has no direct match.	
Communications Manager	Y	0611 - Sales, Marketing and Advertising Managers	Similar to the NOC	<ul style="list-style-type: none"> • Communications Manager
Communications Officer	Y	5124 - Professional Occupations in Public Relations and Communications	Similar to the NOC	<ul style="list-style-type: none"> • Communications Officer
Graphic Designer	Y	5241 - Graphic Designers and Illustrators	Similar to the NOC	<ul style="list-style-type: none"> • Graphic Designer
Desktop Publisher	Y	1423 - Desktop Publishing Operators and Related Occupations	Similar to the NOC	<ul style="list-style-type: none"> • Desktop Publishing (DTP) Operator
Website Administrator	Y	2281 - Computer Network Technicians	Similar to the NOC	<ul style="list-style-type: none"> • Web Site Administrator
Writer	Y	5121 - Authors and Writers	Similar to the NOC	<ul style="list-style-type: none"> • Speech Writer • Writer • Scientific Writer
Translator	Y	5125 - Translators, Terminologists and Interpreters	Similar to the NOC	<ul style="list-style-type: none"> • Translator

Customer Service

Occupation Title	NOC Match	Closest NOC Match	Discrepancy with the NOC	Similar Job Title within the NOC
Customer Service Director	N		The NOC has no direct match.	
Customer Service Manager	Y	0621 - Retail Trade Managers	Similar to the NOC	<ul style="list-style-type: none"> • Customer Service Manager - Retail • Customer Service Managing Supervisor
Customer Service Supervisor	Y	6211 - Retail Trade Supervisors	Similar to the NOC	<ul style="list-style-type: none"> • Customer Service Supervisor - Retail
Customer Service Representative	Y	1453 - Customer Service, Information and Related Clerks	Similar to the NOC	<ul style="list-style-type: none"> • Customer Service Agent

Distribution, Logistics and Supply Chain

Occupation Title	NOC Match	Closest NOC Match	Discrepancy with the NOC	Similar Job Title within the NOC
Materials Management Director	Y	0113 - Purchasing Managers	Similar to the NOC	<ul style="list-style-type: none"> • Material Manager • Procurement Operations Director • Supply-Management Director
Logistics Director	N	0713 - Transportation Managers	Similar to the NOC but the NOC is focused in the Transportation Industry.	• Logistics Director - Transportation
Distribution Manager	Y	0721 - Facility Operation and Maintenance Managers	Similar to the NOC	• Distribution Manager
Warehouse Manager	Y	0721 - Facility Operation and Maintenance Managers	Similar to the NOC	• Warehouse Manager
Inventory Control Manager	Y	0114 - Other Administrative Services Managers	Similar to the NOC	• Inventory Control Manager
Transportation Manager	Y	0713 - Transportation Managers	Similar to the NOC	• Transportation Manager
Supply Chain Manager	Y	0911 - Manufacturing Managers	Similar to the NOC	• Logistics Manager - Manufacturing
Logistics Coordinator	N	1215 - Supervisors, Recording, Distributing and Scheduling Occupations		• Logistics Supervisor
Maintenance Supervisor	Y	0721 - Facility Operation and Maintenance Managers	Similar to the NOC	• Maintenance Supervisor
Maintenance Technician	Y	2261 - Non-destructive Testers and Inspectors	Similar to the NOC	• Maintenance Technician - Non-destructive Testing (NDT)
Plant Engineer	Y	2141 - Industrial and Manufacturing Engineers	Similar to the NOC	• Plant Engineer
Plant Manager	Y	0911 - Manufacturing Managers	Similar to the NOC	• Plant Manager
Warehouse Supervisor	Y	1215 - Supervisors, Recording, Distributing and Scheduling Occupations	Similar to the NOC	• Warehouse Supervisor

Distribution, Logistics and Supply Chain (cont'd)

Occupation Title	NOC Match	Closest NOC Match	Discrepancy with the NOC	Similar Job Title within the NOC
Inventory Control Supervisor	Y	1215 - Supervisors, Recording, Distributing and Scheduling Occupations	Similar to the NOC	• Inventory Control Supervisor
Shipping / Receiving Supervisor	Y	1215 - Supervisors, Recording, Distributing and Scheduling Occupations	Similar to the NOC	• Shipping and Receiving Supervisor
Materials Planner	Y	1225 - Purchasing Agents and Officers 0911 - Manufacturing Managers	Similar to the NOC	• Materials Coordinator • Production Planner
Logistics Analyst	N		The NOC has no direct match.	
Material Handler	Y	7452 - Material Handlers	Similar to the NOC	• Material Handler
Warehouse Worker	Y	7452 - Material Handlers	Similar to the NOC	• Warehouse Worker - Material Handling
Order Picker / Packer	Y	6622 - Grocery Clerks and Store Shelf Stockers	Similar to the NOC	• Order Picker
Inventory Control Clerk	Y	1474 - Purchasing and Inventory Clerks	Similar to the NOC	• Inventory Control Clerk
Truck Driver	Y	7411 - Truck Drivers	Similar to the NOC	• Truck Driver
Shipper / Receiver	Y	1471 - Shippers and Receivers	Similar to the NOC	• Shipper-Receiver

Finance and Accounting

Occupation Title	NOC Match	Closest NOC Match	Discrepancy with the NOC	Similar Job Title within the NOC
Senior Internal Auditor	Y	1111 - Financial Auditors and Accountants	Similar to the NOC	• Internal Auditors Supervisor - Finances
Treasurer	Y	0111 - Financial Managers	Similar to the NOC	• Treasurer
Corporate Controller	Y	0013 - Senior Managers – Financial, Communications and Other Business Services 0111 - Financial Managers	Similar to the NOC	• Corporate Controller - Financial, Communications And Other Business Services • Controller
Finance Director	Y	0111 - Financial Managers	Similar to the NOC	• Finance Director
Investor Relations Director	N	1241 - Secretaries (Except Legal and Medical)	The NOC description is more basic.	• Investors Relations Secretary
Controller	Y	0111 - Financial Managers	Similar to the NOC	• Controller
Finance and Administration Director	Y	0114 - Other Administrative Services Managers	Similar to the NOC	• Finance And Administration Director
Finance Manager	Y	0111 - Financial Managers	Similar to the NOC	• Finance Manager
Assistant Controller	Y	1111 - Financial Auditors and Accountants	Similar to the NOC	• Assistant Controller
Accounting Manager	Y	0111 - Financial Managers	Similar to the NOC	• Accounting Manager
Payroll Manager	Y	0123 - Other Business Services Manager	Similar to the NOC	• Payroll Service Manager
Tax Manager	N	0412 - Government Managers – Economic Analysis, Policy Development and Program Administration 1111 - Financial Auditors and Accountants	The NOC code 0412 focuses more on governmental staff. The NOC code 1111 is not classified as a management position.	• Taxation Manager • Income Tax Specialist
Credit and Collections Manager	Y	0122 - Banking, Credit and Other Investment Managers	Similar to the NOC	• Credit And Collection Manager

Finance and Accounting (cont'd)

Occupation Title	NOC Match	Closest NOC Match	Discrepancy with the NOC	Similar Job Title within the NOC
Accounts Receivable / Payable Supervisor	Y	1212 - Supervisors, Finance and Insurance Clerks	Similar to the NOC	<ul style="list-style-type: none"> • Accounts Receivable Supervisor • Accounts Payable Supervisor
Payroll Supervisor	Y	1212 - Supervisors, Finance and Insurance Clerks	Similar to the NOC	<ul style="list-style-type: none"> • Payroll Supervisor
Financial Analyst	Y	1112 - Financial and Investment Analysts	Similar to the NOC	<ul style="list-style-type: none"> • Financial Analyst
Internal Auditor	Y	1111 - Financial Auditors and Accountants	Similar to the NOC	<ul style="list-style-type: none"> • Internal Auditor
Accountant	Y	1111 - Financial Auditors and Accountants	Similar to the NOC	<ul style="list-style-type: none"> • Accountant
Payroll Administrator	Y	1432 - Payroll Clerks	Similar to the NOC	<ul style="list-style-type: none"> • Payroll Officer
Bookkeeper	Y	1231 - Bookkeepers	Similar to the NOC	<ul style="list-style-type: none"> • Bookkeeper
Accounting Clerk	Y	1431 - Accounting and Related Clerks	Similar to the NOC	<ul style="list-style-type: none"> • Accounting Clerk
Accounts Receivable and Payable Clerk	Y	1431 - Accounting and Related Clerks	Similar to the NOC	<ul style="list-style-type: none"> • Accounts Payable And Receivable Clerk
Payroll Clerk	Y	1432 - Payroll Clerks	Similar to the NOC	<ul style="list-style-type: none"> • Payroll Clerk
Credit / Collections Clerk	Y	1435 - Collectors	Similar to the NOC	<ul style="list-style-type: none"> • Credit And Collection Clerk

General Management, Operations and Administration

Occupation Title	NOC Match	Closest NOC Match	Discrepancy with the NOC	Similar Job Title within the NOC
Government Business Development Director	Y	0412 - Government Managers – Economic Analysis, Policy Development and Program Administration	Similar to the NOC	• Business Development Director - Government Services
Administration Director	Y	0114 - Other Administrative Services Managers	Similar to the NOC	• Administrative Services Director
Administration Services Manager	Y	0114 - Other Administrative Services Managers	Similar to the NOC	• Administrative Services Manager
Branch Manager	Y	0114 - Other Administrative Services Managers	Similar to the NOC	• Branch Manager - Administration
BioDiesel Manager	N		The NOC has no direct match.	
Facilities Manager	Y	0721 - Facility Operation and Maintenance Managers	Similar to the NOC	• Facility Operations Manager • Facility Management Director
Office Manager	Y	1221 - Administrative Officers	Similar to the NOC	• Office Manager
Commodity Risk Manager	N	4162 - Economists and Economic Policy Researchers and Analysts		• Risk Management Analyst
Facilities Coordinator	Y	0721 - Facility Operation and Maintenance Managers	Similar to the NOC	• Facilities Maintenance Head
Office Supervisor	Y	1211 - Supervisors, General Office and Administrative Support Clerks	Similar to the NOC	• Office Supervisor
Grain Merchandiser	Y	6411 - Sales Representatives – Wholesale Trade (Non-Technical)	Similar to the NOC	• Grain Merchandiser
Construction Superintendent	Y	0711 - Construction Managers	Similar to the NOC	• Construction Superintendent
Planning and Scheduling Engineer	N	2133 - Electrical and Electronics Engineers	This title is only within the electrical field.	• Electrical Power Scheduling Engineer

General Management, Operations and Administration (cont'd)

Occupation Title	NOC Match	Closest NOC Match	Discrepancy with the NOC	Similar Job Title within the NOC
General Facilities Worker	Y	6663 - Janitors, Caretakers and Building Superintendents 8612 - Landscaping and Grounds Maintenance Labourers	Similar to the NOC	<ul style="list-style-type: none"> • Plant Maintenance Worker • Maintenance Worker, Building • Maintenance Worker, Grounds
Librarian	Y	5111 - Librarians	Similar to the NOC	<ul style="list-style-type: none"> • Librarian
Corporate Secretary	Y	1222 - Executive Assistants	Similar to the NOC	<ul style="list-style-type: none"> • Corporate Secretary
Executive Assistant	Y	1222 - Executive Assistants	Similar to the NOC	<ul style="list-style-type: none"> • Executive Assistant
Administrative Assistant	Y	1411 - General Office Clerks	Similar to the NOC	<ul style="list-style-type: none"> • Administrative Assistant
General Office Clerk	Y	1411 - General Office Clerks	Similar to the NOC	<ul style="list-style-type: none"> • General Office Clerk
Clerical Staff	Y	1411 - General Office Clerks	Similar to the NOC	<ul style="list-style-type: none"> • Clerical Assistant
File Clerk	Y	1413 - Records Management and Filing Clerks	Similar to the NOC	<ul style="list-style-type: none"> • File Clerk
Mail Clerk	Y	1461 - Mail, Postal and Related Clerks	Similar to the NOC	<ul style="list-style-type: none"> • Mail Clerk
Receptionist	Y	1414 - Receptionists and Switchboard Operators	Similar to the NOC	<ul style="list-style-type: none"> • Receptionist

Human Resources

Occupation Title	NOC Match	Closest NOC Match	Discrepancy with the NOC	Similar Job Title within the NOC
Human Resource Director	Y	0112 - Human Resources Managers	Similar to the NOC	• Human Resources Director
Compensation and Benefits Director	Y	0112 - Human Resources Managers	Similar to the NOC	• Pay And Benefits Director
Organizational Development Director	Y	0112 - Human Resources Managers 0123 - Other Business Services Managers	Similar to the NOC	• Human Resources Development Director • Organizational Planning And Development Director
Human Resources Manager	Y	0112 - Human Resources Managers	Similar to the NOC	• Human Resources Manager
Training and Development Manager	Y	0112 - Human Resources Managers	Similar to the NOC	• Training And Development Manager
Employee Relations Manager	Y	0112 - Human Resources Managers	Similar to the NOC	• Employer-Employee Relations Manager
Recruiting / Staffing Manager	Y	0112 - Human Resources Managers	Similar to the NOC	• Recruiting Manager
Compensation and Benefits Manager	Y	0112 - Human Resources Managers	Similar to the NOC	• Compensation Manager
Labour Relations Manager	Y	0112 - Human Resources Managers	Similar to the NOC	• Labour Relations Manager
Occupational Health and Safety Manager	Y	0112 - Human Resources Managers	Similar to the NOC	• Occupational Health And Safety Manager
Human Resources Information Systems (HRIS) Manager			The NOC has no direct match.	
Trainer	Y	1442 - Personnel Clerks	Similar to the NOC	• Training Clerk
Occupational Health Nurse	Y	3152 - Registered Nurses	Similar to the NOC	• Industrial Nurse • Occupational Health Nurse
Human Resource Officer	Y	1121 - Specialists in Human Resources	Similar to the NOC	• Human Resources Generalist
Recruiter	Y	1223 - Personnel and Recruitment Officers	Similar to the NOC	• Recruiter - Employment

Human Resources (cont'd)

Occupation Title	NOC Match	Closest NOC Match	Discrepancy with the NOC	Similar Job Title within the NOC
Compensation Analyst	Y	1121 - Specialists in Human Resources	Similar to the NOC	• Compensation And Classification Analyst
Human Resources Coordinator	Y	1121 - Specialists in Human Resources	Similar to the NOC	• Human Resources Coordinator
Benefits Coordinator	Y	1121 - Specialists in Human Resources	Similar to the NOC	• Compensation And Benefits Coordinator

Information Technology

Occupation Title	NOC Match	Closest NOC Match	Discrepancy with the NOC	Similar Job Title within the NOC
Information Technology Director	Y	0213 - Computer and Information Systems Managers	Similar to the NOC	• Director Of Technology Management
Systems Development Director	Y	0213 - Computer and Information Systems Managers	Similar to the NOC	• Director, Information Systems Development
Technical Service and Support Director	Y	0213 - Computer and Information Systems Managers 0131 - Telecommunication Carriers Managers	Similar to the NOC	• Computer And Related Services Manager • Technical Services Manager
Information Technology / Information Systems Manager	Y	0213 - Computer and Information Systems Managers	Similar to the NOC	• Information Systems Manager
Technical Support Manager	Y	0213 - Computer and Information Systems Managers 2282 - User Support Technicians	Similar to the NOC	• Computer And Related Services Manager • Technical Support Supervisor
Network Operations Manager	Y	0131 - Telecommunication Carriers Managers	Similar to the NOC	• Network Operations Manager
Help Desk Manager	Y	0213 - Computer and Information Systems Managers 2282 - User Support Technicians	Similar to the NOC	• Computer And Related Services Manager • Computer Help Desk Supervisor
Systems Administrator	Y	0213 - Computer and Information Systems Managers	Similar to the NOC	• Computer Systems Manager
Client / Server Database Administrator	Y	2172 - Database Analysts and Data Administrators	Similar to the NOC	• Database Administrator (DBA)
Data Security Administrator	Y	2171 - Information Systems Analysts and Consultants	Similar to the NOC	• Security Planner, Systems
Network Administrator	Y	2281 - Computer Network Technicians	Similar to the NOC	• Network Administrator
LAN Administrator	Y	2281 - Computer Network Technicians	Similar to the NOC	• LAN (Local Area Network) Administrator
Information Technology Trainer	Y	0213 - Computer and Information Systems Managers	Similar to the NOC	• IT (Information Technology) Development Manager

Information Technology (cont'd)

Occupation Title	NOC Match	Closest NOC Match	Discrepancy with the NOC	Similar Job Title within the NOC
Telecommunications Analyst	Y	2147 - Computer Engineers (Except Software Engineers and Designers)	Similar to the NOC	• Telecommunications Systems Specialist
Programmer Analyst	Y	2174 - Computer Programmers and Interactive Media Developers	Similar to the NOC	• Programmer Analyst
Business Systems Analyst	Y	2171 - Information Systems Analysts and Consultants	Similar to the NOC	• Business Systems Analyst
Help Desk Support Specialist	Y	2282 - User Support Technicians	Similar to the NOC	• Help Desk Technician

Legal / Intellectual Property

Occupation Title	NOC Match	Closest NOC Match	Discrepancy with the NOC	Similar Job Title within the NOC
Senior Legal Counsel	Y	4112 - Lawyers and Quebec Notaries	Similar to the NOC	• Legal Counsel
Staff Lawyer	Y	4112 - Lawyers and Quebec Notaries	Similar to the NOC	• Staff Lawyer
Patent Agent	Y	4161 - Natural and Applied Science Policy Researchers, Consultants and Program Officers	Similar to the NOC	• Patent Agent
Paralegal	Y	4211 - Paralegal and Related Occupations	Similar to the NOC	• Paralegal
Legal Secretary	Y	1242 - Legal Secretaries	Similar to the NOC	• Legal Secretary
Intellectual Property Researcher / Senior Scientist	N		The NOC has no direct match.	

Manufacturing

Occupation Title	NOC Match	Closest NOC Match	Discrepancy with the NOC	Similar Job Title within the NOC
Operations Manager	Y	0911 - Manufacturing Managers	Similar to the NOC	• Operations Manager - Manufacturing
Contract Manufacturing Project Manager	N		The NOC has no direct match.	
Process Development Engineer	Y	2141 - Industrial and Manufacturing Engineers	Similar to the NOC	• Systems Engineer - Manufacturing • Production Engineer
Production Supervisor	Y	9212 - Supervisors, Petroleum, Gas and Chemical Processing and Utilities	Similar to the NOC	• Production Supervisor, Specialty Chemicals • Production Supervisor, Pharmaceuticals
Chemical Process Development Engineer	Y	2134 - Chemical Engineers	Similar to the NOC	• Process Control Engineer, Chemical
Process Development Scientist	N		The NOC has no direct match.	
Project Engineer	Y	2134 - Chemical Engineers	Similar to the NOC	• Project Engineer, Chemical

Marketing

Occupation Title	NOC Match	Closest NOC Match	Discrepancy with the NOC	Similar Job Title within the NOC
Marketing Director	Y	0611 - Sales, Marketing and Advertising Managers	Similar to the NOC	• Marketing Director
Marketing and Sales Director	Y	0611 - Sales, Marketing and Advertising Managers	Similar to the NOC	• Sales And Marketing Director
Marketing Manager	Y	0611 - Sales, Marketing and Advertising Managers	Similar to the NOC	• Marketing Manager
Group Product Manager	Y	0611 - Sales, Marketing and Advertising Managers	Similar to the NOC	• Product Manager
Product Manager	Y	0611 - Sales, Marketing and Advertising Managers	Similar to the NOC	• Product Manager
Business Development Manager	Y	0611 - Sales, Marketing and Advertising Managers	Similar to the NOC	• Business Manager - Sales And Advertising • Market Development Manager
Market Research Manager	Y	0123 - Other Business Services Managers	Similar to the NOC	• Market Research Service Manager
Assistant Product Manager	Y	1122 - Professional Occupations in Business Services to Management	Similar to the NOC	• Product Manager - Marketing
Market Research Analyst	Y	4163 - Business Development Officers and Marketing Researchers and Consultants	Similar to the NOC	• Market Research Analyst
Marketing Communications Specialist	Y	5124 - Professional Occupations in Public Relations and Communications	Similar to the NOC	• Communications Specialist
Marketing Coordinator	Y	0611 - Sales, Marketing and Advertising Managers	Similar to the NOC	• Marketing Coordinator
Marketing Analyst	Y	4163 - Business Development Officers and Marketing Researchers and Consultants	Similar to the NOC	• Marketing Analyst
Product Associate	Y	1122 - Professional Occupations in Business Services to Management	Similar to the NOC	• Marketing Specialist - Advertising

Preclinical Research

Occupation Title	NOC Match	Closest NOC Match	Discrepancy with the NOC	Similar Job Title within the NOC
<i>Preclinical Senior Process Development Engineer</i>	<i>N</i>		<i>The NOC has no direct match.</i>	
<i>Preclinical Scientist</i>	<i>N</i>		<i>The NOC has no direct match.</i>	

Purchasing

Occupation Title	NOC Match	Closest NOC Match	Discrepancy with the NOC	Similar Job Title within the NOC
Purchasing Director	Y	0113 - Purchasing Managers	Similar to the NOC	• Purchasing Director
Purchasing Manager	Y	0113 - Purchasing Managers	Similar to the NOC	• Purchasing Manager
Purchasing Supervisor	Y	1225 - Purchasing Agents and Officers	Similar to the NOC	• Purchasing Supervisor
Purchaser / Buyer	Y	1225 - Purchasing Agents and Officers	Similar to the NOC	• Buyer - Purchasing
Purchasing Clerk	Y	1474 - Purchasing and Inventory Clerks	Similar to the NOC	• Purchasing Clerk

Quality Control / Assurance

Occupation Title	NOC Match	Closest NOC Match	Discrepancy with the NOC	Similar Job Title within the NOC
Quality Control / Assurance Manager	Y	0911 - Manufacturing Managers 0212 - Architecture and Science Managers 0211 - Engineering Managers	Similar to the NOC	<ul style="list-style-type: none"> Quality-Control Services Manager Quality Control Manager - Pharmaceutical Products Engineering Service Quality Control Manager
Safety and Environmental Supervisor	Y	2263 - Inspectors in Public and Environmental Health and Occupational Health and Safety	Similar to the NOC	<ul style="list-style-type: none"> Safety And Sanitary Inspector - Public And Environmental Health
Reliability Engineer	N		The NOC has no direct match.	
QA Supervisor	N		The NOC classifies this position for QA Supervisor for Rubber and Plastic Manufacturing.	
QA auditor	Y	1122 - Professional Occupations in Business Services to Management	Similar to the NOC	<ul style="list-style-type: none"> Quality Auditor, Industrial Standards
Quality Control Inspector	Y	2211 - Chemical Technologists and Technicians	Similar to the NOC	<ul style="list-style-type: none"> Quality Control Technician – Chemical Processing Quality Control Technician – Food Processing
QA Inspector	N		The NOC has no direct match.	
Quality Specialist	Y	2141 - Industrial and Manufacturing Engineers	Similar to the NOC	<ul style="list-style-type: none"> Quality Control Engineer
Quality Control Analyst	N	2171 - Information Systems Analysts and Consultants	The NOC is focused more on IT rather than biotechnology.	• QA (Quality Assurance) Analyst - Informatics
QA Technician	Y	2211 - Chemical Technologists and Technicians 2233 - Industrial Engineering and Manufacturing Technologists and Technicians	Similar to the NOC	<ul style="list-style-type: none"> Food Processing Quality Control Technician Quality Control Technician – Chemistry Quality Control Technician (Except Chemical)
Process Control Technician	Y	2211 - Chemical Technologists and Technicians	Similar to the NOC	<ul style="list-style-type: none"> Chemical Processing Quality Control Technician
Documentation Specialist	N		The NOC has no direct match.	
Document Control Coordinator	Y	1411 - General Office Clerks	Similar to the NOC	<ul style="list-style-type: none"> Information And Records Clerk

Regulatory Affairs

Occupation Title	NOC Match	Closest NOC Match	Discrepancy with the NOC	Similar Job Title within the NOC
<i>Regulatory Affairs Manager</i>	<i>N</i>		<i>The NOC has no direct match.</i>	
<i>Regulatory Affairs Specialist</i>	<i>N</i>		<i>The NOC is geared towards Transportation.</i>	

Research and Development

Occupation Title	NOC Match	Closest NOC Match	Discrepancy with the NOC	Similar Job Title within the NOC
Scientific Manager	Y	0212 - Architecture and Science Managers	Similar to NOC	• Scientific Research Manager
Lab Services Manager	Y	0212 - Architecture and Science Managers	Biotechnology does not require as many qualifications as are specified in the NOC.	• Laboratory Manager
Senior Project Manager	Y	0212 - Architecture and Science Managers	Similar to the NOC	• Clinical Projects Manager • Project Management Chief - Scientific Affairs
<i>Project Manager</i>	<i>N</i>	<i>0212 - Architecture and Science Managers</i>	<i>Biotechnology does not require as many qualifications as are specified in the NOC.</i>	<i>• Clinical Projects Manager</i>
Scientist	Y	2112 - Chemists 2121 - Biologists and Related Scientists	Similar to the NOC	• Biochemistry Research Scientist • Chemistry Research Scientist • Biological Scientist
Organic Chemist	Y	2112 - Chemists	Similar to the NOC	• Organic Chemist
Medicinal Chemist	Y	2112 - Chemists	Similar to the NOC	• Medicinal Chemist

Research and Development (cont'd)

Occupation Title	NOC Match	Closest NOC Match	Discrepancy with the NOC	Similar Job Title within the NOC
Analytical Chemist	Y	2112 - Chemists	Similar to the NOC	• Analytical Chemist
Computational Chemist	N		The NOC has no direct match.	
Process Development Chemist	Y	2121 - Biologists and Related Scientists 2112 - Chemists	Similar to the NOC	• Developmental Biologist • Process Control Chemist
Formulation Chemist	Y	2211 - Chemical Technologists and Technicians	Similar to the NOC	• Formulation Technician
Medicinal/Organic - Chemist	Y	2112 - Chemists	Similar to the NOC	• Research Chemist • Medicinal Chemist • Organic Chemist
Organic Chemistry Scientist	Y	2112 - Chemists 2121 - Biologists and Related Scientists	Similar to the NOC	• Organic Chemist • Biological Scientist
Molecular Biologist	Y	2121 - Biologists and Related Scientists	Similar to the NOC	• Molecular Biologist
Pharmacologist	Y	2121 - Biologists and Related Scientists	Similar to the NOC	• Pharmacologist
Immunologist	Y	2121 - Biologists and Related Scientists 3111 - Specialist Physicians	Similar to the NOC	• Immunologist • Clinical Immunologist
Hematologist	Y	3111 - Specialist Physicians	Similar to the NOC	• Hematologist
Stem Cell Biologist	Y	2121 - Biologists and Related Scientists	Similar to the NOC	• Cell Biologist
Microbiologist	Y	2121 - Biologists and Related Scientists	Similar to the NOC	• Microbiologist
Geneticist	Y	2121 - Biologists and Related Scientists 3111 - Specialist Physicians	Similar to the NOC	• Geneticist • Medical Geneticist
Metrologists	N		The NOC has no direct match.	
Biomass Gasification Specialist	N		The NOC has no direct match.	

Research and Development (cont'd)

Occupation Title	NOC Match	Closest NOC Match	Discrepancy with the NOC	Similar Job Title within the NOC
BioJet Fuel Research Director	N		The NOC has no direct match.	
Toxicologist	Y	2121 - Biologists and Related Scientists	Similar to the NOC	• Toxicologist
Pharmacokinetics Scientist	N		The NOC has no direct match.	
Medicinal/Organic Scientist	Y	2121 - Biologists and Related Scientists	Similar to the NOC	• Biological Scientist
Biostatistician	Y	2161 - Mathematicians, Statisticians and Actuaries	Similar to the NOC	• Biostatistician
Bioinformatics Programmer Analyst	N	2174 - Computer Programmers and Interactive Media Developers 2171 - Information Systems Analysts and Consultants	Key functions related to biotechnology are not reflected in the NOC such as: in-depth knowledge and interpretation of DNA.	• Programmer Analyst • Informatics Applications Analyst
Research Associate	N	2121 - Biologists and Related Scientists	Biotechnology does not require as many qualifications as are specified in the NOC.	• Research Biologist
Lab Assistant	Y	2211 - Chemical Technologists and Technicians 2221 - Biological Technologists and Technicians	Similar to the NOC	• Laboratory Assistant - Applied Chemistry • Life Sciences Research Technician
Lab Technician	Y	2211 - Chemical Technologists and Technicians 2221 - Biological Technologists and Technicians	Similar to the NOC	• Biochemistry Laboratory Technician • Life Sciences Research Technician
Animal Care Manager	N		The NOC has no direct match.	
Animal Technician	N	3213 - Veterinary and Animal Health Technologists and Technicians	Biotechnology does not require as many qualifications as are specified in the NOC.	• Laboratory Animal Technician • Animal Care Technician

Sales

Occupation Title	NOC Match	Closest NOC Match	Discrepancy with the NOC	Similar Job Title within the NOC
Sales Director	Y	0611 - Sales, Marketing and Advertising Managers	Similar to the NOC	<ul style="list-style-type: none"> • Sales And Marketing Director • Regional Director, Sales
Sales Administration Director	Y	0611 - Sales, Marketing and Advertising Managers	Similar to the NOC	<ul style="list-style-type: none"> • Sales Administrator
Sales Manager	Y	0611 - Sales, Marketing and Advertising Managers	Similar to the NOC	<ul style="list-style-type: none"> • District Manager, Sales (Except Insurance And Real Estate)
Telemarketing Manager	N	6211 - Retail Trade Supervisors	Not classified as a managerial position in the NOC.	<ul style="list-style-type: none"> • Telemarketing Supervisor
Sales Administration Manager	Y	0611 - Sales, Marketing and Advertising Managers	Similar to the NOC	<ul style="list-style-type: none"> • Sales Administrator
Inside Sales Supervisor	Y	6211 - Retail Trade Supervisors	Similar to the NOC	<ul style="list-style-type: none"> • Sales Supervisor
Inside Sales Representative	Y	6411 - Sales Representatives – Wholesale Trade (Non-Technical)	Similar to the NOC	<ul style="list-style-type: none"> • Sales Representative Wholesale (Non-Technical)
Sales Representative	Y	6411 - Sales Representatives – Wholesale Trade (Non-Technical)	Similar to the NOC	<ul style="list-style-type: none"> • Sales Representative Wholesale (Non-Technical)
Sales Administration Analyst	Y	1221 - Administrative Officers	Similar to the NOC	<ul style="list-style-type: none"> • Administration Analyst

Senior Management

Occupation Title	NOC Match	Closest NOC Match	Discrepancy with the NOC	Similar Job Title within the NOC
President and Chief Executive Officer (CEO)	N	0013 - Senior Managers – Financial, Communications and Other Business Services	Similar to the NOC but science and regulatory affairs knowledge are not reflected in the NOC.	• President And Chief Executive Officer
Chief Financial Officer (CFO)	Y	0013 - Senior Managers – Financial, Communications and Other Business Services	Similar to the NOC	• CFO (Chief Financial Officer) - Financial, Communications And Other Business Services
Chief Scientific Officer	N	0212 - Architecture and Science Managers	This is not a senior executive position in the NOC.	• Project Management Chief - Scientific Affairs
Chief Information Officer (CIO)	Y	0016 - Senior Managers – Goods Production, Utilities, Transportation and Construction 0013 - Senior Managers – Financial, Communications and Other Business Services	Similar to the NOC	• Human Resources And Organizational Development Vice-President - Goods Production, Utilities, Transportation And Construction • Information Systems Vice-President - Financial, Communications And Other Business Services
Chief Operating Officer (COO)	Y	0013 - Senior Managers – Financial, Communications and Other Business Services 0016 - Senior Managers – Goods Production, Utilities, Transportation and Construction	Similar to the NOC	• Chief Operating Officer - Financial, Communications And Other Business Services • Chief Operating Officer - Goods Production, Utilities, Transportation And Construction
Vice-President Finance and Administration	Y	0016 - Senior Managers – Goods Production, Utilities, Transportation and Construction	Similar to the NOC	• Finance And Administration Vice-President - Goods Production, Utilities, Transportation And Construction
Vice-President Clinical Research Medical Affairs	N		The NOC has no direct match.	

Senior Management (cont'd)

Occupation Title	NOC Match	Closest NOC Match	Discrepancy with the NOC	Similar Job Title within the NOC
<i>Vice-President Research and Development</i>	<i>N</i>	<i>0212 - Architecture and Science Managers</i>	<i>This is not a senior executive position in the NOC.</i>	<i>• Research And Development Manager</i>
<i>Vice-President Regulatory Affairs</i>	<i>N</i>		<i>The NOC has no direct match.</i>	
Vice-President Operations	Y	0013 - Senior Managers – Financial, Communications and Other Business Services 0016 - Senior Managers – Goods Production, Utilities, Transportation and Construction	Similar to the NOC	• Vice-President - Financial, Communications And Other Business Services • Vice-President - Goods Production, Utilities, Transportation And Construction
<i>Vice-President Corporate Development</i>	<i>N</i>	<i>1122 - Professional Occupations in Business Services to Management</i>	<i>The NOC does not classify this as an executive position.</i>	<i>• Corporate Development Planning Adviser</i>
<i>Vice-President Business Development</i>	<i>N</i>	<i>4163 - Business Development Officers and Marketing Researchers and Consultants</i>	<i>This is not a senior executive position in the NOC.</i>	<i>• Business Development Officer</i>
Vice-President Sales	Y	0016 - Senior Managers – Goods Production, Utilities, Transportation and Construction	Similar to the NOC	• Sales Vice-President - Goods Production, Utilities, Transportation And Construction
Vice-President Marketing / Sales	Y	0611 - Sales, Marketing and Advertising Managers	Similar to the NOC	• Marketing Executive
Vice-President Marketing	Y	0016 - Senior Managers – Goods Production, Utilities, Transportation and Construction 0013 - Senior Managers – Financial, Communications and Other Business Services	Similar to the NOC	• Marketing Vice-President - Goods Production, Utilities, Transportation And Construction • Marketing Vice-President - Financial, Communications And Other Business Services
<i>Vice-President Public Relations</i>	<i>N</i>	<i>0611 - Sales, Marketing and Advertising Managers</i>	<i>This is not a senior executive position in the NOC.</i>	<i>• Communications Manager - Public Relations</i> <i>• Public Relations Director</i>
<i>Vice-President Government Relations</i>	<i>N</i>		<i>The NOC has no direct match.</i>	

Senior Management (cont'd)

Occupation Title	NOC Match	Closest NOC Match	Discrepancy with the NOC	Similar Job Title within the NOC
<i>Vice-President Customer Service</i>	<i>N</i>		<i>The NOC has no direct match.</i>	
Vice-President Legal Affairs	Y	4112 - Lawyers and Quebec Notaries	Similar to the NOC	• Corporation Lawyer
<i>Vice-President Manufacturing</i>	<i>N</i>		<i>The NOC has no direct match.</i>	
Vice-President Distribution, Logistics and Supply Chain	Y	0016 - Senior Managers – Goods Production, Utilities, Transportation and Construction	Similar to the NOC	• Assistant Executive Director - Goods Production, Utilities, Transportation And Construction
Vice-President Purchasing	Y	0113 - Purchasing Managers	Similar to the NOC	• Purchasing Director
Vice-President Quality Control	Y	0212 - Architecture and Science Managers 0211 - Engineering Managers	Similar to the NOC	• Quality Control Director - Chemistry • Engineering Service Quality Assurance Director
<i>Vice-President Risk Management</i>	<i>N</i>	<i>0121 - Insurance, Real Estate and Financial Brokerage Managers</i>		<i>• Commodities Trading Manager</i>

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