

Description for Datacard 01: Analytical Science

Total Names for This Data Card: 286659

Publisher's Introduction

This base is representative of the world of research and development management teams primarily engaged in laboratory, manufacturing and scientific applications. See Work Area 68 SIC classifications.

Atomic Chemistry – a process used to denote the masses of individual atoms and molecules.

Chromatography – used for the separation of components of liquid or gas widely used in biochemical and pharmaceutical tests and research and is a quality controller of most industries such as food, petrochemicals and chemical production.

Fluorescence & Luminescence Physics – the emission of radiation that has absorbed electrons or radiation of a different wavelength. Fluorescence is exploited in dyes and coating of fluorescent light tubes. It is used extensively in research laboratories.

Gamma Ray – extremely short wavelength electromagnetic radiation emitted by radioactive decay and interplanetary mass.

Inorganic Chemistry Researches – primarily engaged in the branch of chemistry concerned with the properties and reactions of the elements and of the compounds that do not contain chain or rings of carbon atoms. The researchers are dealing mainly with compounds of mineral origins which include only the simpler compounds of carbon.

LIMS – the IT research personnel of the laboratory engaged in all aspects of computer science and laboratory information management systems, involving computer control research applications and system design.

Organic Chemistry – researchers primarily engaged in the study of compounds that contain chains or rings of carbon atoms.

Robotics and Automation Research Scientists – engaged in the design and development of machines which function like a human. Automatic machines that can be programmed to perform a specific task, eg pilot aircraft and life support machines.

Spectroscopy Research Engineers – engaged in processing chemical structures to determine a particular chemical structure, used extensively in testing and quality assurance in industrial and laboratory applications.

X-ray Diffraction – research analysis of the characteristics of crystal by use of x-rays, used to determine the arrangement of atoms within the crystal, providing the analysis of solid substances used in medical, industrial and environmental examinations.

Source of Data – analytical chemical societies, institutes and associations, conference & seminar attendees, international journal publications which make this a very special base of individuals who are benefiting mankind.

Selection Available – analytical SIC classification, work place, work type, size of organisation, lab type, gender, income, geographical country and postcode, telephone, fax, email.

Updating – continuously against source response, campaign, goneaways, new names checked and suppressed against the Frankform ANDS system. Users are fully covered by our Guarantee and EC Data Protection Licence.



SIC		Postal	Tel	Fax	Email
68010	Affinity Chromatography	1080	776	504	66
68020	Atomic Absorption Spectroscopy	1393	777	227	61
68030	Atomic Emmission	1292	1249	978	41
68040	Chromatography General	3993	1462	715	70
68050	Ceramics	480	339	208	2
68060	Chemicals	3179	2049	1277	405
68070	Chemical & Bioluminescence	1045	436	242	31
68080	Chemometrics	276	96	54	0
68090	Chiral Chromatography	15736	9091	2840	613
68105	Computers & Software	2002	941	697	100
68110	Contract Analysis	8435	4197	2387	139
68120	Detergent	1258	510	281	8
68130	Dyeing	2014	1153	724	41
68140	Electrochemistry	6490	1956	1351	15
68150	Electron Microscopy	5351	3724	1021	194
68160	Electrophoresis	3041	1014	501	25
68170	Fluor & Luminescence	1610	649	224	62
68180	Gamma Ray Spectroscopy	2346	1332	198	44
68190	Gas Chromatography	4105	1539	459	36
68205	Infrared Spectroscopy	1812	1047	715	38
68210	Inorganic Analysis	11443	5385	2500	115
68220	ION Chromatography	4415	1790	732	67
68230	Isotachphoresis	5	0	0	0
68240	Laser Spectroscopy	9799	4713	2099	135
68250	LIMS	2206	965	440	90
68260	Liquid Chromatography	5627	1934	1038	123
68270	Robotic Automation	3976	756	462	7
68280	Liquid Scintill Counting	14001	9240	3315	304
68305	Mass Spectroscopy	999	457	357	58
68310	Micro Liquid Chromatography	458	154	48	23
68320	Mossbauer Spectroscopy	6	1	0	0
68330	Near Infrared Spectroscopy	472	124	35	16
68340	Neutron Activat Analytical	1314	707	354	117
68350	NMR, ESR & EPR Spectroscopy	22288	9212	6577	307
68360	ORD & CD	11	1	0	0
68370	Organic Analysis	39044	28191	6046	442
68380	Paints, Inks & Coatings	513	441	281	1
68390	Polarography	5952	2163	1138	35
68405	Preparative Chromatography	22	6	2	0
68410	Pulp, Paper & Wood	245	210	174	0
68420	Rama Spectroscopy	850	366	111	15
68430	Separation Science	10415	5184	540	392
68440	Size Exclusion Chromatography	2555	1425	438	36
68450	Solid Phase Extrusion	4386	4070	831	2
68460	Spectroscopy General	1508	391	170	25
68470	Supercrit Fluid Chromatography	2987	1194	905	20
68480	Surface Spectroscopies	3085	1815	1441	2
68490	Thermal Analysis	15893	8390	6498	30
68505	Thin Layer Chromatography	2101	1281	673	5
68510	Trace Analysis	7381	2159	999	16
68520	UV/VIS Spectroscopy	2551	892	403	25
68530	X-ray Diffraction	6	2	1	0
68540	X-ray Spectroscopy	45	5	1	0
68550	Automation Robotics	37	29	20	13
68605	Astronomy	17	16	12	1

68750	Analytical Suppliers	1905	1288	747	4
68810	Nuclear and Radium	75	55	28	14
68950	Pure Analytical Science	1	3	3	1
68960	All Analytical Laboratories	31944	16297	5842	346
68970	Fermentation	3588	2389	1757	10
68980	Mathematical Science	3945	3274	2656	946
68999	Analytical nec	1650	1408	985	25
		286659	152720	66262	5759

WorkType				
	Postal	Tel	Fax	Email
Administration Staff	5687	4681	1696	62
Analyst	317	121	19	6
Author/Editor/Publisher	79	56	29	2
Biochemist	4917	1538	269	191
Biologist	135	30	3	0
Chemist	18751	7399	89	21
Clinical Chemist	2565	190	31	20
Commercial/Bus Develop Manager/Director	322	283	232	9
Communications Director/Manager	209	82	63	13
Community Health/Welfare Officer	35	27	6	0
Company Secretary	1042	863	685	6
Computer Analyst	48	3	1	0
Computer Manager/Director	272	133	30	2
Consultant	4128	3224	533	325
Customer Relations Mgr	9	9	4	9
DP Manager/Director	227	130	19	1
Dentist	88	45	24	7
Developers	255	26	11	3
Doctor Med	31438	11111	2018	422
Educator, Lecturer, Reader	7113	2543	884	393
Engineer	15816	1863	436	37
Environmentalist	2	2	2	1
Facilities Manager/Director	1	1	1	1
Finance Dir/Controller	1733	1532	1211	29
Fleet Manager/Director	190	191	171	15
Haematologist	524	473	4	3
Health & Safety Officer	15	15	14	0
IS Manager/Director	112	92	25	10
IT Manager/Director	10461	1201	200	33
Laboratory Manager	2297	1395	85	31
Laboratory Technician	1783	1139	404	66
Legal Executives	9	9	9	0
Marketing/Sales Dir/Mgr	6861	5116	4007	39
Matron, Senior Nurse, Nursing Staff	2485	1236	91	32
Microbiologist / Molecular	1503	450	80	34
Network Planners/Integrators	23	9	5	0
Operations Director/Manager	393	167	106	4
Pathologist	1597	1227	96	69
Personnel Manager	852	625	412	16
Pharmacist	1960	1598	12	5
President, Chairman, Dir, Mgr	71489	55334	37117	1529
Product/Brand Manager	1	1	0	1
Production/Works Dir/Mgr	1865	1259	1140	6
Professor	9095	11085	8874	124
Programmer	1001	45	12	3
Projects Manager/Director	227	48	17	3
Purchasing Dir/Mgr	1766	1269	795	26
Quality Controller	6975	1079	114	17
R & D Dir/Mgr	4734	893	225	114
Researcher	22927	5686	1382	1031
Scientist	3356	600	309	228
Senior Executives & Professionals	4904	1957	207	16
Services Manager	69	46	33	1
Software Engineer	27	8	2	0

Surgeon	23556	19140	1474	617
Systems Manager/Engineer	160	58	11	1
Technician, Technical Manager/Director	3709	934	515	119
Unknown Job Title	508	2	1	0
Veterinary Surgeon	4035	2440	16	6
Web Master	1	1	1	0
	286659	152720	66262	5759

Africa	Postal	Tel	Fax	Email
Algeria	51	31	26	0
Angola	4	4	2	0
Ascension Island	0	1	1	0
Benin	1	5	5	0
Botswana	23	23	19	0
Burkina Faso	2	2	2	0
Burundi	6	6	5	0
Cameroon	5	10	6	0
Cape Verde	4	4	2	0
Central African Rep	4	7	7	0
Chad	1	1	1	0
Comoro Islands	1	1	1	0
Congo	2	2	2	0
Djibouti	3	3	3	0
Egypt	840	282	87	0
Equatorial Guinea	1	1	1	0
Ethiopia	48	35	21	0
Gabon	1	1	1	0
Ghana	35	27	24	0
Guinea Republic	1	1	1	0
Guinea-Bissau	1	1	1	0
Ivory Coast	8	9	8	0
Kenya	149	127	59	0
Lesotho	1	1	1	0
Liberia	2	1	1	0
Libya	29	5	4	0
Madagascar	1	1	1	0
Malawi	1	1	1	0
Mali	5	4	4	0
Mauritania	1	1	1	0
Mauritius	3	1	1	0
Morocco	131	118	117	65
Mozambique	10	10	2	0
Namibia	5	5	1	0
Niger	1	1	1	0
Nigeria	340	559	115	0
Rwanda	1	1	1	0
Sao Tome Principe	1	1	1	0
Senegal	1	1	1	0
Seychelles	1	1	1	0
Sierra Leone	1	1	1	0
Somalia	1	1	1	0
South Africa	3644	2080	1605	3
Sudan	165	65	5	0
Swaziland	12	10	9	0
Tanzania	43	37	27	0
The Gambia	1	1	1	0
Togo	1	1	1	0
Tunisia	23	21	8	0
Uganda	60	58	9	0
Zaire	1	1	1	0
Zambia	94	77	56	0
Zimbabwe	115	66	40	0
	5886	3715	2303	68

Australasia				
	Postal	Tel	Fax	Email
Australia	13268	8871	6984	351
Cook Islands	3	3	0	0
Fiji	14	7	1	0
Kiribati	1	1	1	0
New Zealand	813	555	278	0
Papua New Guinea	18	17	16	0
Solomon Islands	1	1	1	0
Tonga	1	1	1	0
Vanuatu	1	1	1	0
Western Samoa	1	1	1	0
	14121	9458	7284	351

Eastern Europe				
	Postal	Tel	Fax	Email
Albania	8	8	6	0
Armenia	6	2	2	0
Azerbaijan	2	2	1	0
Belarus	3	1	1	0
Bosnia	6	6	5	0
Bulgaria	187	70	58	0
Croatia	89	33	33	0
Czech Republic	603	267	262	7
Estonia	43	3	3	0
Georgia	3	1	1	0
Hungary	883	147	120	0
Kazakhstan	2	1	1	0
Kyrgyzstan	6	1	1	0
Latvia	23	1	1	0
Lithuania	8	2	2	0
Macedonia	1	1	1	0
Moldova	2	2	2	0
Poland	1758	1092	406	82
Romania	227	13	8	0
Russia	165	6	7	0
Slovak Republic	59	19	18	0
Slovenia	73	57	57	0
Tajikistan	1	1	1	0
Turkey	787	209	117	0
Turkmenia	3	3	3	0
Ukraine	22	7	7	0
Uzbekistan	5	3	3	0
Yugoslavia	232	8	2	0
	5207	1966	1129	89

Far East				
	Postal	Tel	Fax	Email
Bangladesh	358	349	6	0
Bhutan	6	6	1	0
Brunei	0	3	3	0
Cambodia	1	1	1	0
China	2933	3039	2678	62
Hong Kong	678	637	594	0
India	866	47	47	32
Indonesia	174	161	128	0
Japan	6016	1794	1313	36
Korea	2580	1904	1441	42
Laos	1	1	1	0
Malaysia	1576	1520	1162	8
Maldives Republic	1	1	1	0
Mongolia	1	1	1	0
Myanmar	14	13	5	0
Nepal	56	15	4	0
Philippines	92	53	25	0
Singapore	182	144	96	0
Sri Lanka	333	351	135	0
Taiwan	1581	565	508	0
Thailand	118	83	53	0
Vietnam	3	10	2	0
	17570	10698	8205	180

Middle East				
	Postal	Tel	Fax	Email
Afghanistan	1	9	1	0
Bahrain	155	49	47	0
Iran	373	362	333	0
Iraq	45	10	6	0
Israel	2416	2087	1787	0
Jordan	1669	121	110	0
Kuwait	857	33	23	0
Lebanon	93	64	46	0
Oman	853	24	5	0
Pakistan	351	256	158	0
Qatar	133	27	27	0
Saudi Arabia	6645	399	227	0
Syria	2559	104	83	0
United Arab Emirates	1638	13	6	0
Yemen	608	25	8	0
	18396	3583	2867	0

North America				
	Postal	Tel	Fax	Email
Aruba	4	4	4	0
Bahamas	5	5	5	0
Barbados	6	5	3	0
Bermuda	5	2	2	0
Canada	6753	3965	3139	36
Curacao	3	3	3	0
Dominican Republic	32	13	11	0
Haiti	3	3	1	0
Jamaica	5	2	1	0
Puerto Rico	280	258	141	0
Trinidad & Tobago	1	1	1	0
US Virgin Islands	1	1	0	0
USA	32940	27357	1760	1194
	40038	31619	5071	1230

South America				
	Postal	Tel	Fax	Email
Argentina	1303	928	102	0
Belize	2	2	1	0
Bolivia	49	35	4	0
Brazil	2159	1442	811	100
Chile	574	440	333	1
Colombia	238	151	66	0
Costa Rica	49	18	12	0
Cuba	23	18	9	0
Ecuador	62	36	21	0
El Salvador	132	134	86	0
Guatemala	168	147	51	0
Guyana	19	12	6	0
Honduras	63	39	7	1
Mexico	1506	1103	200	0
Nicaragua	61	46	43	1
Panama	264	263	78	0
Paraguay	6	4	4	0
Peru	131	65	31	0
Suriname	1	1	1	0
Uruguay	276	225	41	0
Venezuela	331	154	84	0
	7417	5263	1991	103

Western Europe				
	Postal	Tel	Fax	Email
Austria	1864	1302	827	0
Belgium	7898	2363	1057	3
Cyprus	22	8	1	0
Denmark	1764	513	244	7
Finland	1062	387	96	2
France	21800	9644	4807	5
Germany	31394	15565	5683	24
Gibraltar	1	0	0	0
Greece	495	148	145	2
Iceland	38	4	4	1
Ireland	1327	434	389	9
Italy	11206	4257	1947	1
Liechtenstein	6	1	0	0
Luxembourg	56	45	32	0
Malta	13	20	18	0
Norway	1131	585	236	2
Portugal	663	330	230	1
Spain	2640	1129	993	1
Sweden	4743	4178	641	2
Switzerland	3870	1868	454	0
The Netherlands	10554	4576	551	1
UK	75477	39061	19057	3677
	178024	86418	37412	3738