



Royal Australian Chemical Institute
Australian National Chemical Analysis Competition
Finals Results 2011

Below are the teams which gave “Excellent Performance” or “Highly Commended” performances in the Finals of the Australian National Chemical Analysis Competition. 128 teams took part in the Finals, representing about 10% of those who participated in the preliminary rounds, from all States and Territories. Many individuals in teams whose overall performance was not as good also obtained excellent results, and were awarded gold medallions. All other participants in the Finals were awarded silver medallions. Δ is the difference between correct and submitted result for the number of moles of potassium hydrogen phthalate in an “unknown” sample. These differences are squared, then added for the three members of the team, then multiplied by 10^{12} to give the score.

Excellent Teams (Score < 1000)

| Place | School | Centre | Score ($10^{12}\Sigma\Delta^2$) |
|-------|--------------------------------|----------------|-----------------------------------|
| 1. | Pulteney Grammar School | Adelaide, SA | 29 |
| 2. | Pulteney Grammar School | Adelaide, SA | 35 |
| 3. | Duncraig SHS | Perth, WA | 38 |
| =4. | St Michael's Collegiate School | Hobart, TAS | 50 |
| =4. | Shore School | Sydney, NSW | 50 |
| 6. | Shore School | Sydney, NSW | 75 |
| 7. | St Saviour's College | Toowoomba, QLD | 130 |
| 8. | Shore School | Sydney, NSW | 173 |
| 9. | Guildford Grammar School | Perth, WA | 189 |
| 10. | Carine SHS | Perth, WA | 198 |
| 11. | Brisbane Grammar School | Brisbane, QLD | 200 |
| 12. | Annesley College | Adelaide, SA | 260 |
| 13. | The Glennie School | Toowoomba, QLD | 329 |
| 14. | The Hutchins School | Hobart, TAS | 497 |
| 15. | Perth College | Perth, WA | 505 |
| 16. | Duncraig SHS | Perth, WA | 521 |
| 17. | Beenleigh SHS | Brisbane, QLD | 554 |
| 18. | MacGregor SHS | Brisbane, QLD | 622 |
| 19. | Murray Bridge HS | Adelaide, SA | 629 |
| 20. | James Ruse Agricultural HS | Sydney, NSW | 810 |
| 21. | Newcastle Grammar School | Newcastle, NSW | 990 |

Highly Commended Teams (Score 1000 – 1500)

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|-----|-----------------------------|--------------|------|
| 22. | Smith's Hill HS | Sydney, NSW | 1049 |
| 23. | Duncraig HS | Perth, WA | 1093 |
| 24. | Darwin HS | Darwin, NT | 1106 |
| 25. | St Mary's Cathedral College | Sydney, NSW | 1174 |
| 26. | Murray Bridge HS | Adelaide, SA | 1190 |
| 27. | Adelaide HS | Adelaide, SA | 1441 |

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