



Lupin Annual Results 2012-2013

| Chemical | Matrix | LOR (mg/kg) | Aust Std (mg/kg) | Number of samples tested | Analytical findings (number of detections) | |
|----------------------|--------|-------------|------------------|--------------------------|--|------------|
| | | | | | > half Aust Std ≤ Aust Std | > Aust Std |
| 2,4-D | Whole | 0.01 | 0.05 | 76 | 0 | 0 |
| acetamiprid-P | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| aldrin and dieldrin | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| amitraz | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| amitrole | Whole | 0.01 | 0.01 | 22 | 0 | 0 |
| atrazine | Whole | 0.01 | 0.02 | 76 | 0 | 0 |
| azamethiphos | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| azoxystrobin | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| bifenthrin | Whole | 0.01 | 0.02 | 76 | 0 | 0 |
| bioresmethrin | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| bromoxynil | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| cadmium | Whole | 0.01 | No Limit | 8 | 0 | 0 |
| captafol | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| captan | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| carbaryl | Whole | 0.01 | 5 | 76 | 0 | 0 |
| carbendazim | Whole | 0.01 | 0.5 | 76 | 0 | 0 |
| carfentrazone-ethyl | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| chlordane | Whole | 0.01 | 0.02 | 76 | 0 | 0 |
| chlorfenvinphos | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| chlorothalonil | Whole | 0.01 | 3 | 76 | 0 | 0 |
| chlorpyrifos | Whole | 0.01 | 0.01 | 76 | 0 | 0 |
| chlorpyrifos-methyl | Whole | 0.01 | 10 | 76 | 0 | 0 |
| chlorsulfuron | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| clethodim | Whole | 0.01 | 0.2 | 76 | 0 | 0 |
| clodinafop-propargyl | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| clopyralid | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| cyfluthrin | Whole | 0.01 | 0.5 | 76 | 0 | 0 |
| cyhalothrin | Whole | 0.01 | 0.2 | 76 | 0 | 0 |



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| | | | | | > half Aust Std ≤ Aust Std | > Aust Std |
| cypermethrin | Whole | 0.01 | 0.01 | 76 | 0 | 0 |
| cyproconazole | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| DDT | Whole | 0.01 | 1 | 76 | 0 | 0 |
| deltamethrin | Whole | 0.01 | 0.1 | 76 | 0 | 0 |
| diazinon | Whole | 0.01 | 0.7 | 76 | 0 | 0 |
| dicamba | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| dichlorvos | Whole | 0.01 | 0.5 | 76 | 0 | 0 |
| diclofop-methyl | Whole | 0.01 | 0.1 | 22 | 0 | 0 |
| difenoconazole | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| diflubenzuron | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| diflufenican | Whole | 0.01 | 0.05 | 76 | 0 | 0 |
| dimethoate | Whole | 0.01 | 0.5 | 76 | 0 | 0 |
| diquat | Whole | 0.01 | 1 | 22 | 0 | 0 |
| dithiocarbamates | Whole | 0.01 | 0.5 | 8 | 0 | 0 |
| diuron | Whole | 0.01 | 0.05 | 76 | 0 | 0 |
| emamectin | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| endosulfan | Whole | 0.01 | 0.1 | 76 | 0 | 0 |
| endrin | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| epoxiconazole | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| ethoprophos | Whole | 0.005 | Not Set | 76 | 0 | 0 |
| etridiazole | Whole | 0.01 | 0.2 | 76 | 0 | 0 |
| fenitrothion | Whole | 0.01 | 0.1 | 76 | 1 | 0 |
| fenoxaprop-ethyl | Whole | 0.01 | Not Set | 22 | 0 | 0 |
| fenvalerate | Whole | 0.01 | 0.5 | 76 | 0 | 0 |
| fipronil | Whole | 0.005 | Not Set | 76 | 0 | 0 |
| flamprop-M-methyl | Whole | 0.01 | 0.05 | 22 | 0 | 0 |
| fluazifop-p-butyl | Whole | 0.01 | 0.1 | 22 | 0 | 0 |
| fluquinconazole | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| flutriafol | Whole | 0.01 | Not Set | 76 | 0 | 0 |



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| | | | | | > half Aust Std ≤ Aust Std | > Aust Std |
| fluxapyroxad | Whole | 0.01 | 0.1 | 5 | 0 | 0 |
| glufosinate | Whole | 0.01 | 0.1 | 22 | 0 | 0 |
| glyphosate | Whole | 0.01 | 5 | 22 | 0 | 0 |
| haloxyfop | Whole | 0.01 | 0.1 | 22 | 0 | 0 |
| HCB | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| HCH (or BHC) | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| heptachlor | Whole | 0.01 | 0.05 | 76 | 0 | 0 |
| hexaconazole | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| imidacloprid | Whole | 0.01 | 0.2 | 76 | 0 | 0 |
| indoxacarb | Whole | 0.01 | 0.2 | 76 | 0 | 0 |
| iodosulfuron-methyl | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| iprodione | Whole | 0.01 | 0.1 | 76 | 0 | 0 |
| lead | Whole | 0.01 | 0.2 | 8 | 0 | 0 |
| lindane | Whole | 0.01 | 2 | 76 | 0 | 0 |
| malathion | Whole | 0.01 | 2 | 76 | 0 | 0 |
| MCPA | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| mercury | Whole | 0.01 | No Limit | 8 | 0 | 0 |
| methacrifos | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| methidathion | Whole | 0.01 | 0.1 | 76 | 0 | 0 |
| methomyl | Whole | 0.01 | 1 | 76 | 0 | 0 |
| methoprene | Whole | 0.01 | Not Set | 76 | 0 | 1 |
| methoxychlor | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| metolachlor | Whole | 0.01 | 0.05 | 76 | 0 | 0 |
| metosulam | Whole | 0.01 | 0.02 | 76 | 0 | 0 |
| metsulfuron-methyl | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| mirex | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| omethoate | Whole | 0.01 | 0.1 | 76 | 0 | 0 |
| paraquat | Whole | 0.01 | 1 | 22 | 0 | 0 |
| penconazole | Whole | 0.01 | Not Set | 76 | 0 | 0 |



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| | | | | | > half Aust Std ≤ Aust Std | > Aust Std |
| pendimethalin | Whole | 0.01 | 0.05 | 76 | 0 | 0 |
| permethrin | Whole | 0.01 | 0.1 | 76 | 0 | 0 |
| phenothrin | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| phosmet | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| phosphine | Whole | 0.005 | 0.01 | 10 | 0 | 0 |
| picloram | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| piperyonyl butoxide | Whole | 0.01 | 8 | 76 | 0 | 0 |
| pirimicarb | Whole | 0.01 | 0.02 | 76 | 0 | 0 |
| pirimiphos-methyl | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| procymidone | Whole | 0.01 | 0.01 | 76 | 0 | 0 |
| profenofos | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| propiconazole | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| prothioconazol | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| pyraclostrobin | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| pyriproxyfen | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| sethoxydim | Whole | 0.01 | 0.2 | 76 | 0 | 0 |
| simazine | Whole | 0.01 | 0.05 | 76 | 0 | 0 |
| spinosad | Whole | 0.01 | 0.01 | 76 | 0 | 0 |
| tebuconazole | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| terbufos | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| thiabendazole | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| thiodicarb | Whole | 0.01 | 0.1 | 76 | 0 | 0 |
| tralkoxydim | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| triadimefon | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| triadimenol | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| triasulfuron | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| trichlorfon | Whole | 0.01 | 0.2 | 76 | 0 | 0 |
| triclopyr | Whole | 0.01 | Not Set | 76 | 0 | 0 |
| triflumuron | Whole | 0.01 | Not Set | 76 | 0 | 0 |



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|---------------|--------|-------------|------------------|--------------------------|--|------------|
| | | | | | > half Aust Std ≤ Aust Std | > Aust Std |
| trifluralin | Whole | 0.01 | 0.05 | 76 | 0 | 0 |
| triticonazole | Whole | 0.01 | Not Set | 76 | 0 | 0 |

LOR - Limit of reporting (mg/kg)

Not set - No MRL set. Any detection is considered a contravention of the Australia New Zealand Food Standards Code

No limit - No ML required. Any low level of contaminant or natural toxicant in this product is acceptable

n/a - Australian standard does not apply. No limit set or defined.