* **附件四　施於動物身上的麻醉劑及精神科物質指引文件**

**Recommended dosage about the Controlled drugs**

1. **Mouse**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of drug** | **Recommended dosage** | **Estimated annual consumption** | **Remark** |
| Morphine | 1.5-5 mg/ 100 g (S.C) | 6 g | For pain relief. |
| Ketamine | 2.2-4.4 mg/ 100 g (IM)  10 mg/ 100 g (IP)  2.5 mg/100 g (IV) | 6 g |  |
| Cocaine | 1-30 mg/ 100 g (IP) | 6 g |  |
| Pentobarbital | * 1. mg/ 100 g (IV)   5.0-9.0 mg/ 100 g (IP)  100-150mg/ kg (IP/IV) | 20 g | For euthanasia. |

1. **Rats**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of drug** | **Recommended dosage** | **Estimated annual consumption** | **Remark** |
| Ketamine | 50-100 mg/ kg (IM)  100-200 mg/kg (IP)  50 mg/ kg (IV) | 10g |  |
| Pentobarbital | 30-40 mg/ kg (IV)  30-50 mg/ kg (IP) | 60 g |  |

1. **Adult Zebrafish (i.p.) :**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of drug** | **Recommended dosage** | **Estimated annual consumption** | **Remark** |
| Morphine | 10-100 μg/g (IP) | 1 g |  |
| Methamphetamine | 10-100 μg/g (IP) | 1 g |  |
| amphetamine | 10-100 μg/g (estimated value) (IP) | 1 g |  |
| Ketamine | 10-100 μg/g (IP) | 1 g |  |
| Methadone | 10-100 μg/g (IP) | 1 g |  |
| Cocaine | 10-100 μg/g (estimated value) (IP) | 1 g |  |

\*IM: intramuscular injection, IV: Intravenous Injection, SC: subcutaneous injection;

IP: Intraperitoneal injection

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