

2/10/50

Blood levels of LSD 25 in cat

3.4 kg cat given 2 mg/ml/kg 6.8 mg/ml 1.1
blood samples taken at various time
intervals for plasma LSD assay
assayed spectrofluorometrically

| Time | µg LSD ₂₅ /ml |
|------|--------------------------|
| 0 | 0 |
| 20' | 2.3 |
| 40' | 2.0 |
| 60' | 1.8 |
| 80' | 1.8 |
| 100' | 1.6 |
| 120 | 1.5 |
| 150 | 1.2 |

Concl: ① LSD seems to distribute distribute
like body water

② LSD in cat has half life of about
1.5h

Urinary excretion of LSD in Cat
Cat injected as above 6.8 mg/ml
bladder excreted after 2.42 hrs when
blood level fell 50%

| µ/ml urine | volume | µ/24h excreted | % of injected |
|------------|--------|-------------------|---------------|
| 0.3 | 60 | 18 | 0.27% |

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