

# *Toxicological Evidence in Ferguson Grand Jury Proceedings*

Marcello Di Bello

Lehman College CUNY

PHI 169 - Spring 2015

## St. Louis University Toxicology Laboratory Report 6059 N. Hanley Road, Berkeley, Missouri 63134

Name: BROWN, MICHAEL  
Age: 18 years

Race: Black

Tox # 2014-5156  
Sex: Male

Requesting Agency: ST. LOUIS COUNTY MEDICAL EXAMINER  
(Agency's Case No.: 14-5143)

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### Blood:

#### Alcohol:

Ethanol:	Negative
Acetone:	Negative
Isopropanol:	Negative
Methanol:	Negative

#### Blood Drug Screen:

Amphetamines:	Negative
Antidepressants:	Negative
Barbiturates:	Negative
Benzodiazepines:	Negative
CANNABINOIDS:	POSITIVE
Cocaine/Metabolites:	Negative
Lidocaine:	Negative
Methadone:	Negative
Non-Opiate Narcotic Analgesic:	Negative
Opiates:	Negative
Phencyclidine:	Negative
Phenothiazines:	Negative
Propoxyphene:	Negative
Acetaminophen:	Negative
Salicylates:	Negative
Oxycodone:	Negative
Fentanyl:	Negative
Oxymorphone:	Negative

#### Cannabinoid Quantitation:

DELTA-9-THC:	12 NANOGRAMS/ML
11-HYDROXY-THC:	Negative
11-NOR-DELTA-9-THC-COOH:	45 NANOGRAMS/ML

### Urine:

#### Cannabinoid Quantitation:

DELTA-9-THC:	Negative
11-HYDROXY-THC:	GREATER THAN 25 NANOGRAMS/ML
11-NOR-DELTA-9-THC-COOH:	GREATER THAN 150 NANOGRAMS/ML

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# Large Dose Two Hours Earlier

Vol 19, p. 69

Q: So based upon your finding that there were 12 nanograms of THC, 12 nanograms per milliliter of 11 Delta-9-THC in Michael Brown's blood, first off, can you make any conclusions from your findings within a reasonable degree of toxicology certainty or as to the recency in which he may have ingested them?

A Yes, it is *within a couple of hours*, maybe two, three hours on the outside.

Q: Can you make any conclusions or do you have an opinion as to the dose that Michael Brown may have ingested based upon your tests and your test results?

A: Given his large body mass, yes. *It would have been a very significant dose. It wouldn't be just toking on like a simple joint.*



# MB's Impairment of Nervous System

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I can't tell you how he was impaired. It is like predicting what somebody would do. I can't tell you that. I can tell you that the drug is present at a significant concentration that represents a large dose into Mr. Brown. *How he would have behaved and what he would have done I cannot predict. I know the drug was having an affect and was impairing his nervous system.*

Q: But you cannot draw any conclusions that he was suffering or that he was experiencing hallucinations or having a break?

A: That is correct.