

Drugs and Precursors Trafficking Trends in Brazil: The Role of the Brazilian Federal Police

Brazilian Federal Police
May/2023

GROUP OF EXPERTS ON CHEMICAL SUBSTANCES
AND PHARMACEUTICAL PRODUCTS
Quito/Equador



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Drugs and Precursors Trafficking Brazilian Federal Police



- Article 144 of the Brazilian Constitution:
 1. To investigate criminal offenses against political and social order, or against goods, services and interests of Brazilian federal government, its organs and companies, as well as interstate and international crime in a need of uniform repression in Brazil;
 2. **To prevent and repress smuggling and drug trafficking;**
 3. To be Brazil's maritime police, air transport enforcement agency, immigration agency and border patrol;
 4. **To combat federal and interstate crime.**



Drugs and Precursors Trafficking Brazilian Federal Police



- Chemical Analysis, Forensic Reports
- Police Investigation and Operations
- Chemicals Administrative Control and Regulation

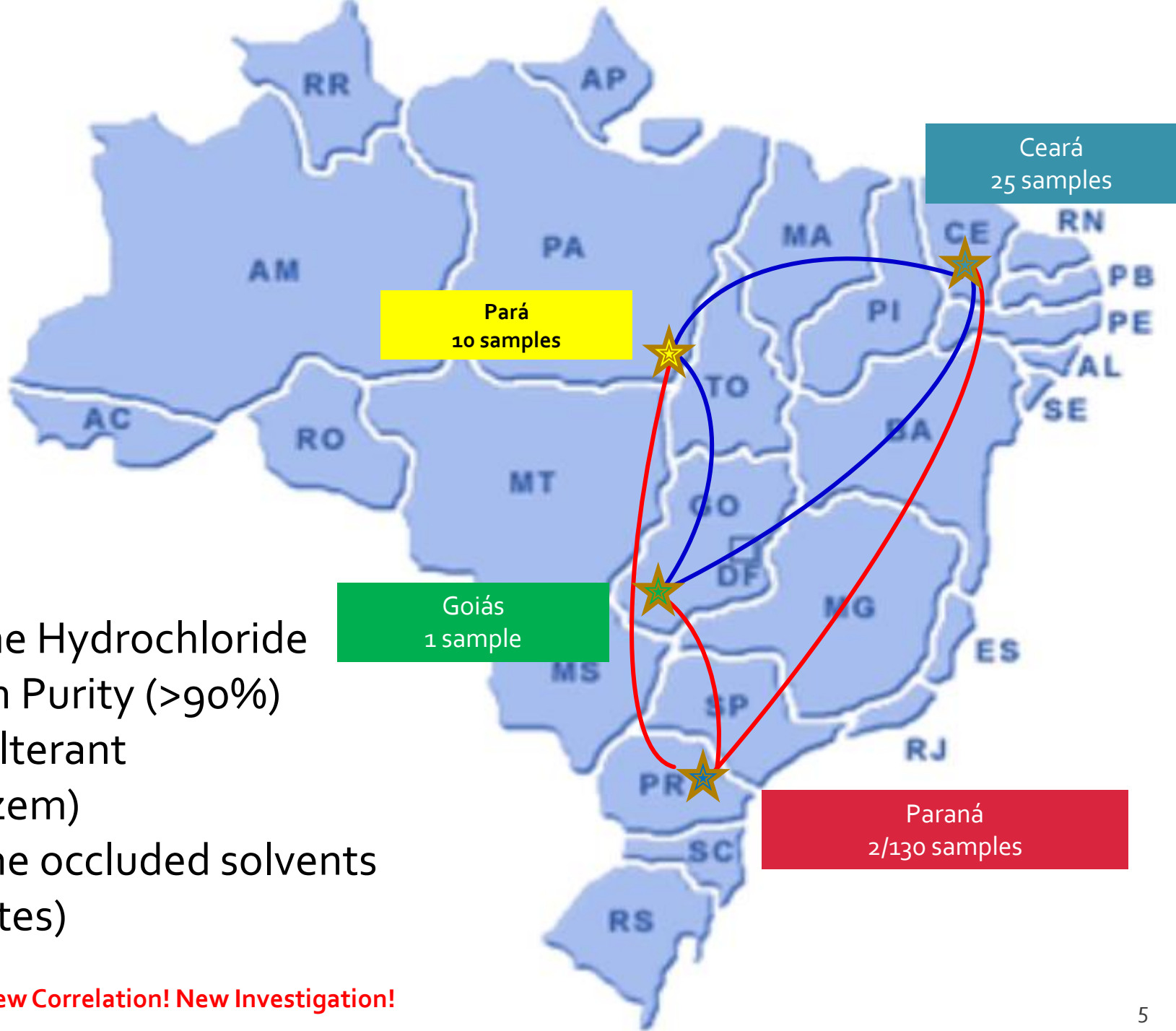


Drugs and Precursors Trafficking Brazilian Federal Police



- Networks of labs and offices
 - Brasília and Brazil States
- Sharing information
(Chemicals, NPS, Synthetic routes)
- Trends are evaluated
 - New police operations
 - Changes in regulation and control





Ceará
25 samples

Pará
10 samples

Goiás
1 sample

Paraná
2/130 samples

- Cocaine Hydrochloride
 - High Purity (>90%)
 - Adulterant (diltiazem)
 - Same occluded solvents (acetates)

New Correlation! New Investigation!

Chemical Profiling Qlik Sense Database

PERFIL QUÍMICO DAS DROGAS

PeQui



SEPLAB/DPER/INC/DITEC/DPF

Qlik Sense Hub | DITEC - PEQUI 3 - Teores de Co... | <https://bi.pf.gov.br/sense/app/632c4fa2-c920-40bb-83cf-f23b0756be6c/sheet/753d336a-d53b-405d-bb3e-c13fdf19ff7b/state/analysis>

Analisar Pasta | Narrar Narrativa | Duplicar | Teores de Cocaína

Nenhuma seleção aplicada

Teores de Cocaína

Ano: [] Forma: [] Unidade: [] UF: []

Teor médio da Cocaína (%)

Ano	Teor Médio (%)
2009	76%
2010	80%
2011	72%
2012	73%
2013	71%
2014	66%
2015	59%
2016	71%
2017	82%
2018	80%
2019	86%
2020	87%
2021	87%
2022	87%

Teor Médio Cocaína: **77%**

Teor Médio da Cocaína por Estado (UF) (%)

UF	Teor Médio (%)
SC	91%
PA	90%
PB	89%
PI	89%
CE	86%
BA	86%
MA	84%
RO	83%
PR	82%
PE	82%
RN	82%
SP	79%
RJ	78%
RS	78%
GO	78%
ES	77%
AC	77%
MS	74%
AM	72%
MT	71%
AP	69%
DF	69%
MG	65%
SE	38%

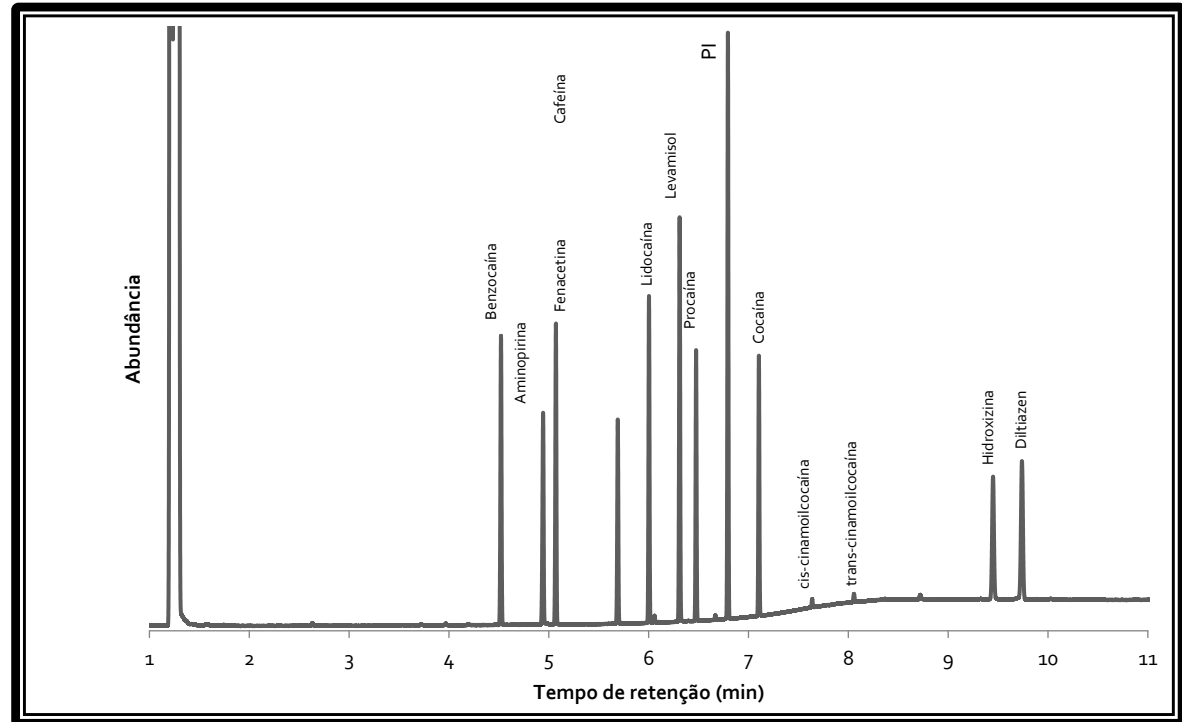
Número de Amostras: **8.154**

Cocaine Chemical Profiling Adulterants



■ 9 adulterants quantified:

1. Aminopyrine
2. Phenacetine
3. Levamisole
4. Caffeine
5. Lidocaine
6. Benzocaine
7. Procaine
8. Hydroxyzine
9. Diltiazem





Cocaine Chemical Profiling

Street Cocaine - Pernambuco



Pernambuco
State
apprehensions –
Cocaine HCl:

Brazilian Federal
Police -

Purity: 93%

State Police -

Purity: 16%

Cocaine Chemical Profiling

Traffic Cocaine - Pernambuco

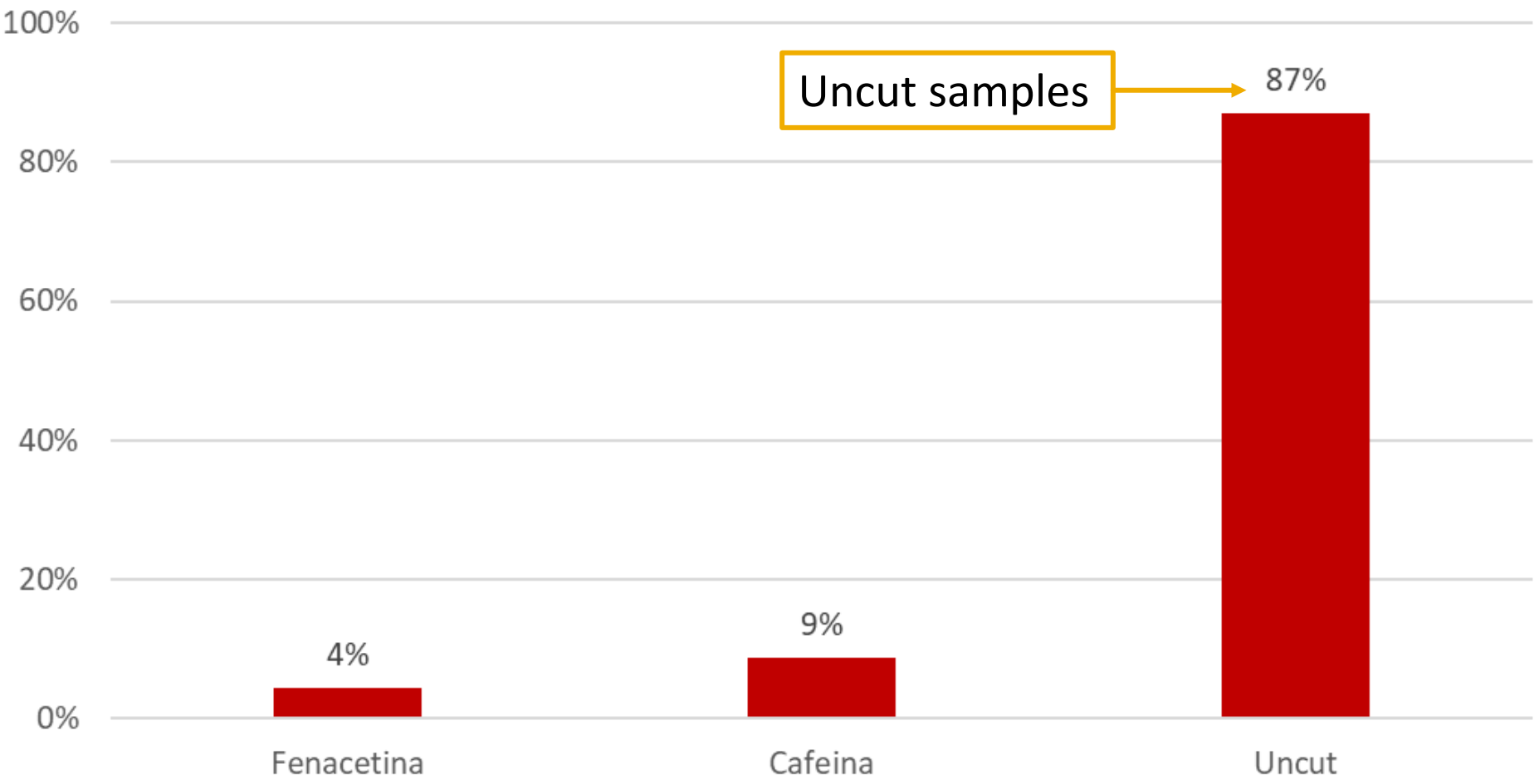
PERFIL QUÍMICO DAS DROGAS

PeQui

SEPLAB/DPER/INC/DITEC/DPF



Adulterants - Cocaine Base (State Police) - 2021 - n=23

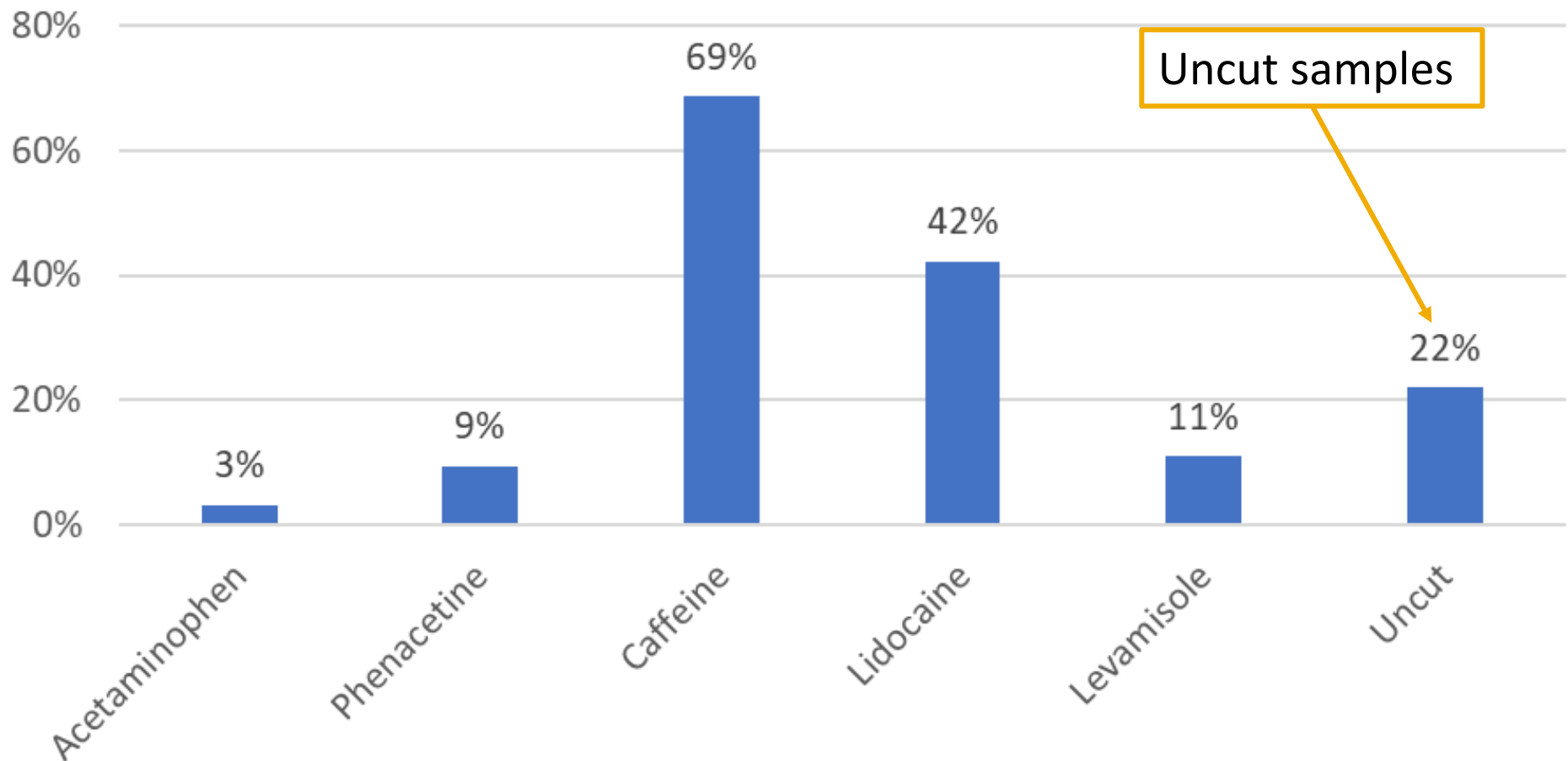




Cocaine Chemical Profiling

Street Cocaine - Pernambuco

Adulterants - Cocaine HCl (State Police) - 2021 - n=60





Cocaine Chemical Profiling

Street Cocaine

State Polices: DF, GO, SP, BA, AC

J. Braz. Chem. Soc. 2016, 4, 719.

Chemical Profiling of Street Cocaine from Different Brazilian Regions

Adriano O. Maldaner; Élvio D. Botelho; Jorge J. Zacca; Raimundo C. A. Melo; José L. Costa; Ivomar Zancanaro; Celinalva S. L. Oliveira; Leonardo B. Kasakoff; Thiago R. L. C. Paixão



Trend: **Boric Acid** used as diluente cocaine



CHEMICAL PRODUCTS DIVERSION REPRESSION SECTOR – SEDQ BRASÍLIA



- 01 manager
- 01 expert (chemist)
- 04 agents (investigators)

Office Routine

- ✓ Support for other Government Organizations
- ✓ Requests from Other Countries
- ✓ Development of Police Investigations against Drug Trafficking and Money Laundering based on the identification of Controlled Chemical Products Diversion.

Full cycle (Initial Reports, Investigation Development, Deflagration, Conclusion)



GARAPA OPERATION - 2022



April 12th

1.5 tons of BORIC ACID.

Presentation:
White shining crystals

Known as:
"mineíta", "brilho",
"escala mágica"





GARAPA OPERATION - 2022



October 18th

168 tons of BORIC ACID

The biggest seizure in Brazil

Six trucks (from Peru, arriving through Bolivia/Brazil border)





Applied Investigation Techniques



- Contact with large distributors ('informants') and surveillance

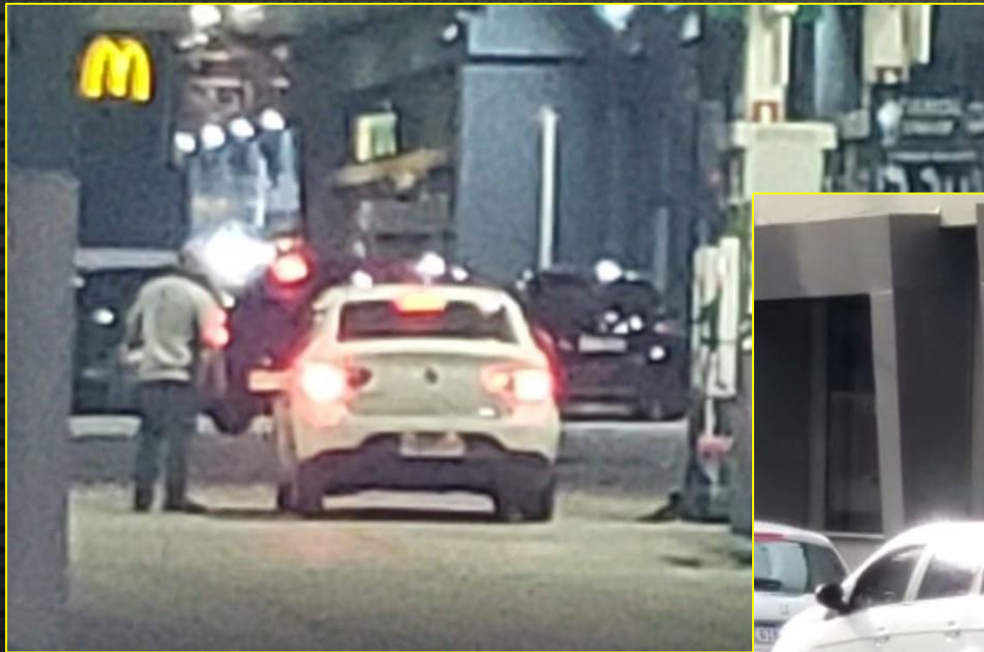




Applied Investigation Techniques



➤ Follow up with veiled vigilance





Applied Investigation Techniques



➤ Directed seizures



Chemical Products Control Division.

DCPQ's Mission

Coordinate and apply nationally the activities of **control, surveillance and repression** of improper use of substances and chemicals that **can be used in the manufacture of illegal drugs.**





Legislation

- Ordinance MJSP 204/2022
- Pharmaceutical products and precursors are controlled from 1g or 1mL
- Over 140 substances controlled, divided into 7 Lists





Boric Acid

- First identified as an adulterant in cocaine in 2017.
 - By then, it wasn't controlled by the Federal Police.
- Controlled in 2019
 - included and became a controlled substance as a **result of the information provided by the forensics analysis and seizures**

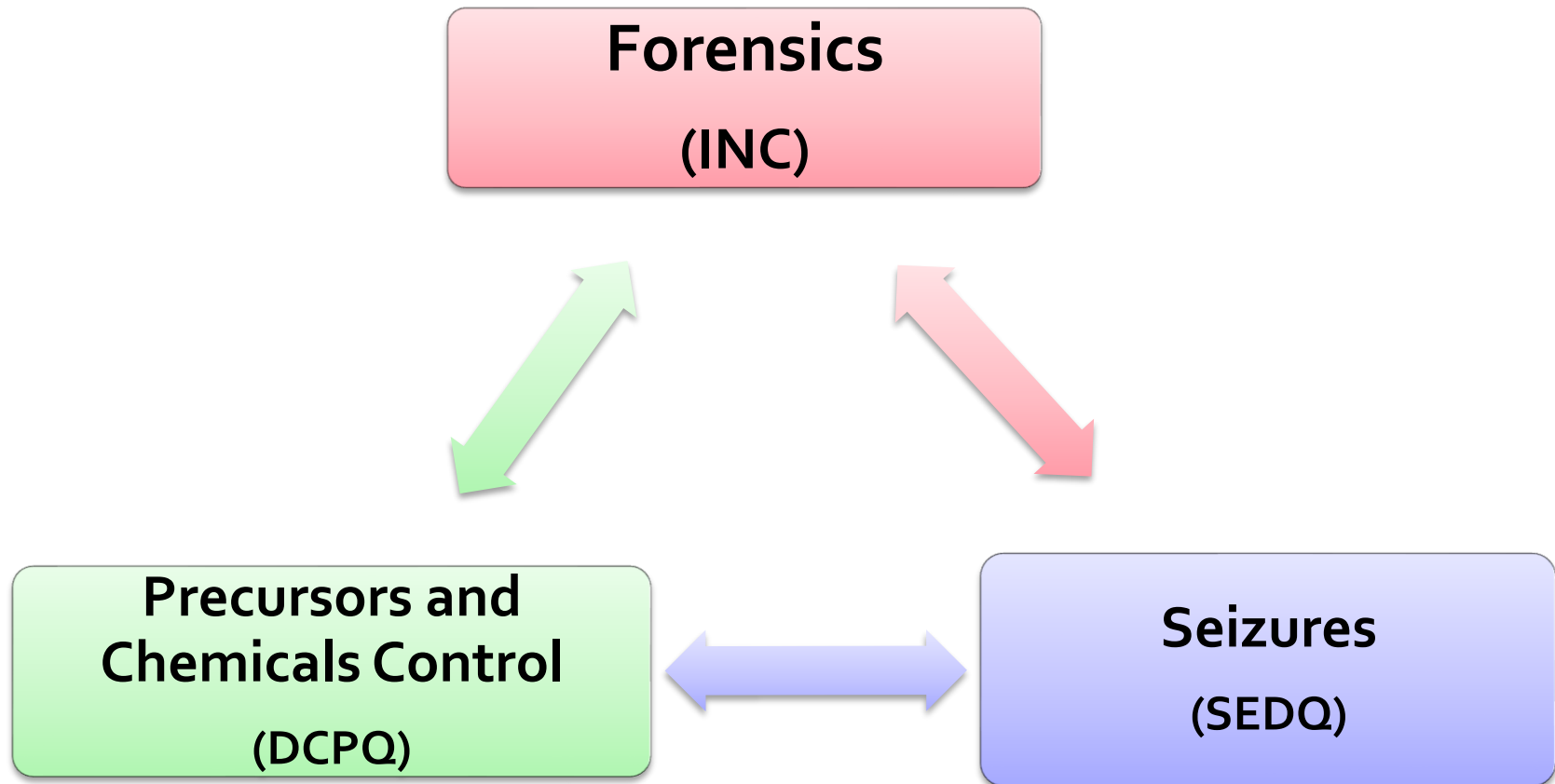


- New trends (including 2023 street drug analysis):
 - **Does not indicate boric acid used as adulterant**
- Indicates **important results in controlling the substance**
- Boric acid is vastly used in many industries (e.g. fertilizers)
 - DCPQ begins analyzing the effects of controlling or not controlling the substance.

Drugs and Precursors Trafficking Brazilian Federal Police

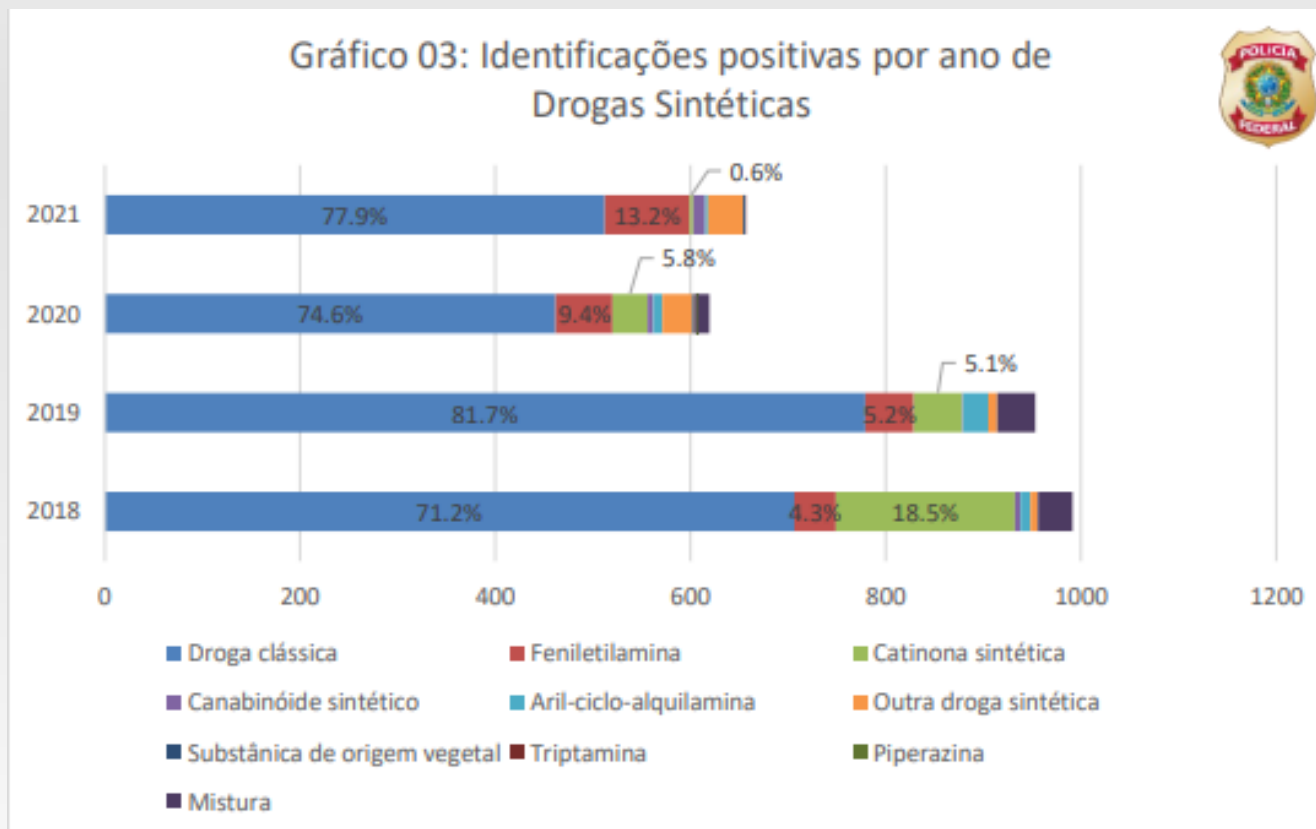


- Enhance the sharing of information
 - In-house, national and international players





Synthetic Drugs



- Regarding the 2021 Synthetic Drugs Report, almost 78% of the positive identifications lay on “classic synthetic drugs” such as: amphetamins, DMT, GHB, morfine, LSD, MDA and MDMA.



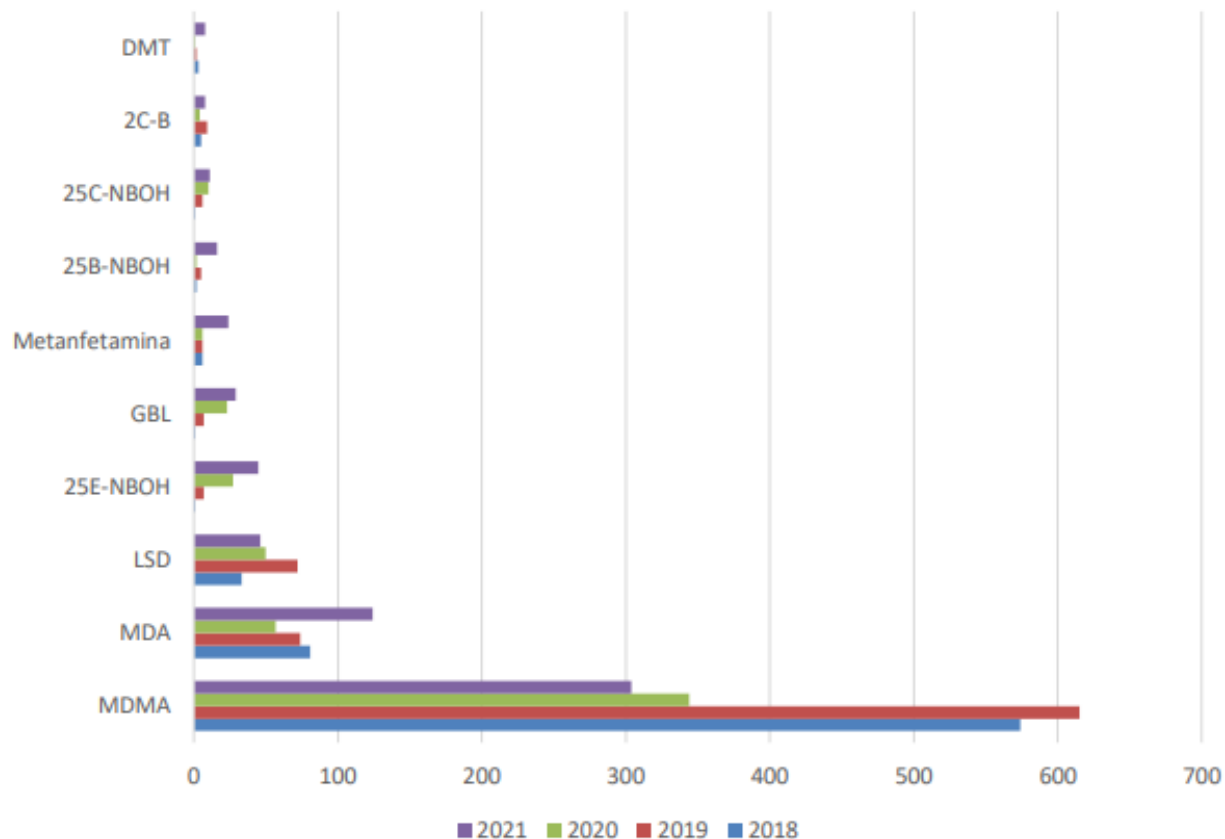
- In 2021, 32 different psychoactive substances were identified, amongst them, 22 were considered NPS's:

2-CI-4,5-MDA*	ADB – Butinaca*	AMP- 4enPINACA*	MDMB- 4enPINACA*
ADB- FUBIATA*	4F- MDMBButinaca	5-MeO-DMT	BMDP
25B-NBOH	25B-NBOMe	25C-NBOMe	25C-NBOH
25E-NBOH	25I- NBOH	25I-NBOMe	2C-B
Cetamina	Eutilona	JWH-210	Nbutilpentilona
Psilocina	Salvinorina A		

* First time identified in 2021 in Brazil



Gráfico 02: Número de detecções por ano das Drogas Sintéticas mais analisadas pelos laboratórios de Química Forense da PF





- In 2021, Brazil had a significant raise on seizures of methamphetamine;
- Decrease of MDMA seized and raise of MDA;
- More identifications of synthetic cannabinoids;
- Significantly raise on detections of psychedelic drugs such as LSD and NBOHs.



Cocaine

- Main focus on adulterants commonly used:
- Caffeine, tetracaine, levamisole, phenacetin, dipyrrone, aminopyrine, lidocaine and benzocaine.
- Identification of irganox as an adulterant – a new challenge to be faced.

Drugs and Precursors Trafficking Brazilian Federal Police



- Brazilian Federal Police
- CICAD/OAS staff

Thank you!
Gracias!
OBRIGADO!

