



Sour Brulee

Sample ID: G2J0169-06

Matrix: Industrial Hemp

Test ID: 5028257

Source ID:

Date Sampled: 10/12/22

Date Accepted: 10/12/22

Farm 10

Results at a Glance

Total THC : 0.52 %

Total CBD : 12 %

Total CBG : 0.74 %

Percent Moisture : 10.3 % PASS

Total Terpenes : 2.148 % PASS



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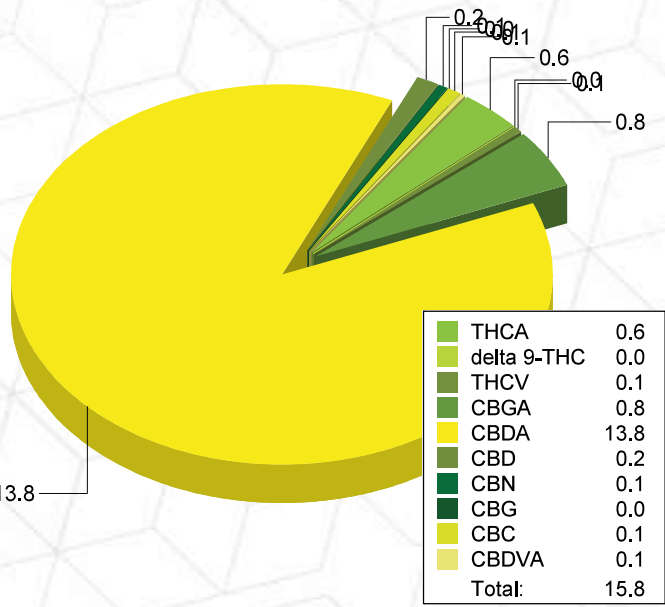
Potency Analysis

Date/Time Extracted: 10/14/22 11:41

Analysis Method/SOP: 215

Batch Identification: 2242043

	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile	
Total THC	0.010	0.52	5.2		
Total CBD	0.009	12	120		
Total CBG	0.0009	0.74	7.4		
THCA	0.0006	0.55	5.5		
delta 9-THC	0.0006	0.034	0.34		
delta 8-THC	0.005	< LOQ	< LOQ		
THCV	0.006	0.053	0.53		
THCVA	0.002	< LOQ	< LOQ		
CBD	0.002	0.23	2.3		
CBDA	0.002	14	140		
CBDV	0.006	< LOQ	< LOQ		
CBDVA	0.002	0.062	0.62		
CBN	0.003	0.099	0.99		
CBG	0.0009	0.017	0.17		
CBGA	0.0009	0.82	8.2		
CBC	0.010	0.095	0.95		



Moisture

Date/Time Extracted: 10/13/22 15:52

Analysis Method/SOP: 103

Moisture: 10.3 %

Action Level: 15%

Potency results are reported on a dry weight basis.
 Total THC = delta 9-THC + (THCA * 0.877)
 Total CBD = CBD + (CBDA * 0.877)
 Total CBG = CBG + (CBGA * 0.878)
 LOQ=Limit of Quantification, the lowest measurable concentration of an analyte.



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Source ID:

Date Sampled: 10/12/22

Date Accepted: 10/12/22

Farm 10

Terpene Analysis by GCMS

Date/Time Extracted: 10/14/22 11:41

Analysis Method/SOP: 204

Date/Time Analyzed: 10/15/22 19:36

Analyte	Result	LOD	LOQ	Units	Analyte	Result	LOD	LOQ	Units
(-)-Borneol	< LOQ	0.001	0.003	mg/g	(+)-Borneol	< LOQ	0.001	0.003	mg/g
3-Carene	< LOQ	0.001	0.003	mg/g	alpha-Bisabolol	0.87	0.001	0.003	mg/g
alpha-Cedrene	< LOQ	0.001	0.003	mg/g	alpha-Humulene	1.26	0.001	0.003	mg/g
Alpha-Phellandrene	< LOQ	0.001	0.003	mg/g	alpha-Pinene	0.34	0.001	0.003	mg/g
alpha-Terpinene	< LOQ	0.001	0.003	mg/g	alpha-Thujone	< LOQ	0.001	0.003	mg/g
A-Terpineol	< LOQ	0.001	0.003	mg/g	beta-Caryophyllene	3.67	0.001	0.003	mg/g
beta-Myrcene	2.88	0.001	0.003	mg/g	beta-Pinene	0.52	0.001	0.003	mg/g
Camphene	< LOQ	0.001	0.003	mg/g	Camphor	< LOQ	0.001	0.003	mg/g
Carvacrol	< LOQ	0.001	0.003	mg/g	Carvone	< LOQ	0.001	0.003	mg/g
Caryophyllene Oxide	< LOQ	0.001	0.003	mg/g	Cedrol	< LOQ	0.001	0.003	mg/g
Cis-beta-Farnesene	0.6	0.001	0.003	mg/g	Cis-beta-Ocimene	< LOQ	0.001	0.003	mg/g
cis-Nerolidol	< LOQ	0.001	0.003	mg/g	Citral	< LOQ	0.001	0.003	mg/g
Citronellol	< LOQ	0.001	0.003	mg/g	Endo-fenchyl alcohol	< LOQ	0.001	0.003	mg/g
Eucalyptol	< LOQ	0.001	0.003	mg/g	Farnesol 1	0.91	0.001	0.003	mg/g
Farnesol 2	< LOQ	0.001	0.003	mg/g	gamma-Terpinene	< LOQ	0.001	0.003	mg/g
Geraniol	< LOQ	0.001	0.003	mg/g	Geranyl acetate	< LOQ	0.001	0.003	mg/g
Guaiol	2.08	0.001	0.003	mg/g	Isoborneol	< LOQ	0.001	0.003	mg/g
Isobornyl Acetate	< LOQ	0.001	0.003	mg/g	Isopulegol	< LOQ	0.001	0.003	mg/g
Limonene	1.55	0.001	0.003	mg/g	Linalool	0.56	0.001	0.003	mg/g
Menthol	< LOQ	0.001	0.003	mg/g	Menthone	< LOQ	0.001	0.003	mg/g
Nootkatone	< LOQ	0.001	0.003	mg/g	Octyl Acetate	< LOQ	0.001	0.003	mg/g
p-Cymene	< LOQ	0.001	0.003	mg/g	Phytane	< LOQ	0.001	0.003	mg/g
Piperitone	< LOQ	0.001	0.003	mg/g	Pulegone	< LOQ	0.001	0.003	mg/g
Sabinene	< LOQ	0.001	0.003	mg/g	Sabinene hydrate	< LOQ	0.001	0.003	mg/g
Safranal	< LOQ	0.001	0.003	mg/g	Squalene	< LOQ	0.001	0.003	mg/g
Terpinen-4-ol	< LOQ	0.001	0.003	mg/g	Terpinolene	5.25	0.001	0.003	mg/g
Thymol	< LOQ	0.001	0.003	mg/g	trans-beta-Farnesene	< LOQ	0.001	0.003	mg/g
trans-beta-Ocimene	< LOQ	0.001	0.003	mg/g	trans-Nerolidol	1.01	0.001	0.003	mg/g
Valencene	< LOQ	0.001	0.003	mg/g	Verbenone	< LOQ	0.001	0.003	mg/g
Total Terpenes	21.48	0.001	0.003	mg/g					

ND - Compound not detected, <LOQ - Results below the Limit of Quantitation
Terpenes are not Accredited by ORELAP to TNI 2016



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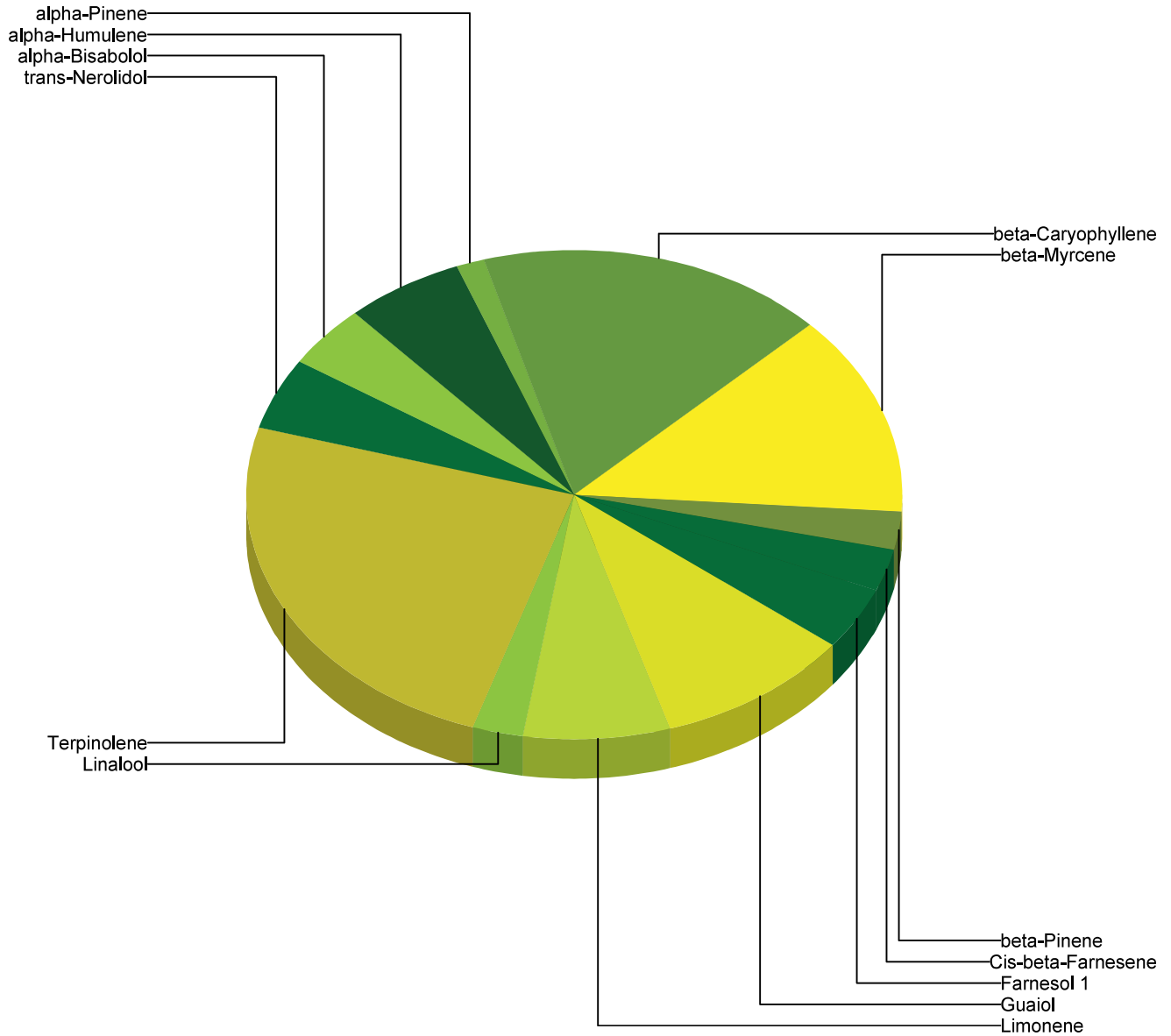
Source ID:

Date Sampled: 10/12/22

Date Accepted: 10/12/22

Farm 10

Terpene Profile



Percentage of Total Terpenes Identified



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Quality Control Potency

Batch: 2242043 - 215-Hemp

Blank(2242043-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		10/14/22 11:41	10/14/22 20:46	
delta 9-THC	< LOQ	0.0005	%		10/14/22 11:41	10/14/22 20:46	
delta 8-THC	< LOQ	0.004	%		10/14/22 11:41	10/14/22 20:46	
THCV	< LOQ	0.005	%		10/14/22 11:41	10/14/22 20:46	
THCVA	< LOQ	0.002	%		10/14/22 11:41	10/14/22 20:46	
CBD	< LOQ	0.0005	%		10/14/22 11:41	10/14/22 20:46	
CBDA	< LOQ	0.0005	%		10/14/22 11:41	10/14/22 20:46	
CBDV	< LOQ	0.005	%		10/14/22 11:41	10/14/22 20:46	
CBDVA	< LOQ	0.002	%		10/14/22 11:41	10/14/22 20:46	
CBN	< LOQ	0.003	%		10/14/22 11:41	10/14/22 20:46	
CBG	< LOQ	0.0008	%		10/14/22 11:41	10/14/22 20:46	
CBGA	< LOQ	0.0008	%		10/14/22 11:41	10/14/22 20:46	
CBC	< LOQ	0.009	%		10/14/22 11:41	10/14/22 20:46	

Reference(2242043-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	98.0	0.0005	%	90-110	10/14/22 11:41	10/14/22 21:09	
delta 9-THC	99.6	0.0005	%	90-110	10/14/22 11:41	10/14/22 21:09	
delta 8-THC	94.4	0.004	%	90-110	10/14/22 11:41	10/14/22 21:09	
CBD	94.6	0.0005	%	90-110	10/14/22 11:41	10/14/22 21:09	
CBDA	98.5	0.0005	%	90-110	10/14/22 11:41	10/14/22 21:09	

Moisture Content

Batch: 2242038 - 103

Blank(2242038-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	0.640		%		10/13/22 15:52	10/13/22 15:52	

Blank(2242038-BLK2)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	0.600		%		10/13/22 15:52	10/13/22 15:52	

Reference(2242038-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	114		%	80-120	10/13/22 15:52	10/13/22 15:52	

Reference(2242038-SRM2)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	115		%	80-120	10/13/22 15:52	10/13/22 15:52	

Batch: 2242043 - 215-Hemp

Blank(2242043-BLK2)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes



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Quality Control Terpene Analysis (Continued)

Batch: 2242043 - 215-Hemp (Continued)

Blank(2242043-BLK2)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
alpha-Bisabolol	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Camphene	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Camphor	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
3-Carene	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
beta-Caryophyllene	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Caryophyllene Oxide	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
alpha-Cedrene	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Cedrol	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Endo-fenchyl alcohol	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Eucalyptol	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Geraniol	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Geranyl acetate	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Guaiol	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
alpha-Humulene	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Isoborneol	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Isopulegol	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Limonene	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Linalool	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
beta-Myrcene	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
trans-Nerolidol	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
alpha-Pinene	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
beta-Pinene	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Pulegone	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Sabinene	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Sabinene hydrate	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
gamma-Terpinene	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
alpha-Terpinene	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Terpinolene	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Valencene	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Verbenone	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
trans-beta-Farnesene	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
A-Terpineol	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
cis-Nerolidol	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Thymol	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Terpinen-4-ol	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Squalene	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Safranal	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Piperitone	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	



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Quality Control Terpene Analysis (Continued)

Batch: 2242043 - 215-Hemp (Continued)

Blank(2242043-BLK2)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Phytane	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
p-Cymene	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Octyl Acetate	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Nootkatone	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Menthone	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Menthol	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Isobornyl Acetate	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Farnesol 1	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Carvone	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
alpha-Thujone	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Alpha-Phellandrene	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
(+)-Borneol	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
(-)-Borneol	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Carvacrol	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
trans-beta-Ocimene	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Cis-beta-Ocimene	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Citral	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Citronellol	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Farnesol 2	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Cis-beta-Farnesene	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	

Reference(2242043-SRM2)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
beta-Caryophyllene	83.0	0.00025	%	70-130	10/14/22 11:41	10/15/22 15:57	
alpha-Humulene	83.8	0.00025	%	70-130	10/14/22 11:41	10/15/22 15:57	
Limonene	104	0.00025	%	70-130	10/14/22 11:41	10/15/22 15:57	
beta-Myrcene	95.6	0.00025	%	70-130	10/14/22 11:41	10/15/22 15:57	



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Notes and Definitions

Regulatory Compliance samples were collected onsite at facility according to ORELAP-SOP-001 and ORELAP-SOP-002 and following Sampling Plan FN117.
Quality Control samples were tested as received.

- ATM Non-cannabis matrix related interference or suppression of Internal standard
 - BLI Baseline Interference - Cannabinoid peak interference in chromatographic baseline affecting QC recovery .
 - BLK Analyte detected in method blank, but not associated samples.
 - BSH Blank Spike High - Blank Spike recovery above method limit. no detections in samples.
 - BSL Blank Spike Low - Blank Spike recovery below lower method limit, analyte chromatography reviewed manually for all samples.
 - CBD Interference due to co-elution
 - CV1 CBD matrix interference on GC Pest chromatography
 - CV2 CCV was above acceptance criteria, Non-detect samples are considered acceptable.
 - INF CCV was below acceptance criteria, sample still exceeds regulatory limit.
 - ISH One or more QC falls outside acceptance criteria. Data entered into LIMS for informational purposes only.
 - ISL Internal Standard concentration is above acceptance criteria.
 - MSH Internal Standard concentration is below acceptance criteria.
 - MSI Matrix Spike High - Matrix Spike recovery above method limits.
 - MSL Matrix Spike Interference - Matrix spike source sample contains analyte hit above calibration affecting recovery accuracy in Matrix Spike.
 - TPP
 - U Matrix Spike Low - Matrix Spike recovery below lower method limit, analyte chromatography reviewed manually for all samples.
- Internal Standard concentration outside control limit due to matrix interference



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