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# Certificate of Analysis

**Client Name:** Grass Queen  
**License Number:** CLVT-0066

**Sample ID:** VT766  
**Sample Name:** Durban Nights  
**Sample Lot:** CLVT0066-001-001  
**Sample Matrix:** Flower  
**Date Received:** 2/8/2023  
**Date Reported:** 2/23/2023



## Potency

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC; SOP-024-VT) | Test ID: #1415

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBDV	< LOQ	< LOQ	< LOQ	< LOQ	0.0008	0.0040
CBDVA	ND	ND	ND	ND	0.0001	0.0040
THCV	ND	ND	ND	ND	0.0016	0.0049
CBDA	ND	ND	ND	ND	0.0002	0.0040
CBD	< LOQ	< LOQ	< LOQ	< LOQ	0.0008	0.0040
CBG	< LOQ	< LOQ	< LOQ	< LOQ	0.0009	0.0040
CBGA	1.9619	19.619	1.7424	17.424	0.0001	0.0040
THCVA	< LOQ	< LOQ	< LOQ	< LOQ	0.0002	0.0040
CBN	ND	ND	ND	ND	0.0004	0.0040
CBCVA	ND	ND	ND	ND	0.0004	0.0040
D9 THC	< LOQ	< LOQ	< LOQ	< LOQ	0.0016	0.0049
D8 THC	ND	ND	ND	ND	0.0012	0.0040
CBNA	ND	ND	ND	ND	0.0002	0.0040
D10 THC	ND	ND	ND	ND	0.0004	0.0040
CBC	ND	ND	ND	ND	0.0003	0.0040
THCA	25.8479	258.479	22.9555	229.555	0.0002	0.0040
CBCA	0.3844	3.844	0.3414	3.414	0.0002	0.0040

Total Cannabinoids		
	%	mg/g
Total THC:	20.132	201.320
Total Cannabinoids:	25.039	250.393

**Total theoretical THC % = (delta-9-THC%) + (THCA% \* 0.877)**

## Moisture & Water Activity PASS

Water Activity and Moisture Content Analysis (SOP-202-VT) | Test ID: #1416

Analyte	Result (%)	Limit	Pass/Fail
Moisture	11.19	13	PASS
Water Activity	0.51	0.65	PASS

Callie Chapman  
 Lab Director  
 2/23/2023



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