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Mar 03, 2022

RE: Certificate of Manufacture for Batch (Blueberry / LOSANTOS #4DG NPB0720)

To whom it may concern,

Please accept this letter as a Certificate of Manufacture assuring that all of the safety levels for both European Pharmacopeia and TGO 93 / TGO 100 Specs, Current TCann Specs have been achieved with this batch of CBD flower.

Please do not hesitate to reach out to us if you have any further questions.

Sincerely,



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Test	Specification	TGO 93 / TGO 100 Specs Current TCann Specs	Lab result	Approved	Rejected
Physical Identity	Brown and green buds	N/A	N/A	Yes	
Aflatoxins (B1+B2+G1+G2)	< 20 µg/kg (ppb) of substance	<4 µg/kg	Absent	Yes	
Loss on Drying	≤ 10% w/w	N/A	9,35	Yes	
Foreign Matter	Free of individual stem (> 1.5 cm), hair, insects and other vermin	<2.0%	Absent	Yes	
Total Aerobic Plate Count	≤ 500,000 cfu/g	≤ 10 ⁴ cfu/g (10,000)	Absent	Yes	
Total Yeasts and Molds	≤ 50,000 cfu/g	≤ 10 ² cfu/g (100)	Absent	Yes	
E. coli	Absent in 50grams	Absent in 1 gram	Absent	Yes	
Salmonella spp	Absent in 50 grams	Absent in 10 grams	Absent	Yes	
Bile Tolerant Gram Negative bacteria	≤ 10,000 cfu/g	≤ 10 ² cfu/g (100)	Absent	Yes	
Delta -9- tetrahydrocannabinol	Report value	Report value	Absent	Yes	
Delta -9- tetrahydrocannabinolacid	Report value	Report value	0,55	Yes	



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Cannabidiol	Report value	Report value	0,26	Yes	
Cannabidiol Acid	Report value	Report value	10,85	Yes	
Assay: Cadmium	$< 0,5 \frac{\mu g}{g}$	$< 0,5 \frac{\mu g}{g}$	0,1	Yes	
Assay: Lead	$< 0,5 \frac{\mu g}{g}$	$< 0,5 \frac{\mu g}{g}$	0,18	Yes	
Assay: Total Arsenic	$< 1,5 \frac{\mu g}{g}$	$< 1,5 \frac{\mu g}{g}$	Absent	Yes	
Assay: Total Mercury	$< 3,0 \frac{\mu g}{g}$	$< 3,0 \frac{\mu g}{g}$	Absent	Yes	
Terpene	NA	NA	Appendix 1	Yes	
Pesticide residue (test if any approved pesticides were used)	Organochlorines Organophosphates Piretroids Carbamates Triazines Triazols <than the limits specified in Ph Eur 2.8.13	<than the limits specified in Ph Eur 2.8.13	Absent	Yes	
Additional Tests					
Ochratoxin A	<5,0 µg/kg	<20 µg/kg	Absent	Yes	

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Total Ash	NA	<20.0%	<1%	Yes	
<i>Staphylococcus aureus</i>	Absent	Absent in 1 gram	Absent	Yes	
Aflatoxin B1	<4,0 µg/kg	<2 µg/kg for B1	Absent	Yes	

By way of my signature below, I attest to the validity of the test results as at March 03, 2022.

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Appendix 1

Terpene					
Parameter	Und	Result	Parameter	Und	Result
a-Cedrene	mg/g	<0,0250	Hexahydrothymol	mg/g	<0,0250
a-Humulene	mg/g	0,1792	Isoborneol	mg/g	<0,0250
a-Pinene	mg/g	<,0876	Linalool	mg/g	<,0250
a-Terpinene	mg/g	<0,0876	(-)-a-Bisabolol	mg/g	<0,0876
a-Terpineol	mg/g	0,1411	(-)-beta-Pinene	mg/g	<0,0876
β -Caryophyllene	mg/g	0,2598	(+)-Cedrol	mg/g	<,0250
β -Myrcene	mg/g	0,7313	(-)-Caryophyllene oxide	mg/g	<0,0876
Borneol	mg/g	<0,0500	(-)-Guaïol	mg/g	0,2896
Camphene	mg/g	<0,0876	(-)-Isopulegol	mg/g	<0,0876
Camphor	mg/g	<0,0500	(+)-Pulegon	mg/g	<0,0250
Carene	mg/g	<0,0876	Nerol	mg/g	<0,0250
Cis Nerolidol	mg/g	<0,0876	Ocimene	mg/g	<0,0876
d-Limonene	mg/g	0,2795	p-Isopropyltoluene (p-cymene)	mg/g	<0,0250
1,8-Cineole (Eucalyptol)	mg/g	<0,0876	p-Mentha-1,5-diene	mg/g	<0,0250
Fenchyl alcohol	mg/g	<0,0500	Sabinene	mg/g	<0,0876
Fenchone	mg/g	<0,0876	Sabinene hydrate	mg/g	<0,0250
Geraniol	mg/g	<0,0876	Trans- β -ocimen	mg/g	<0,0876
Geranyl acetate	mg/g	<0,0250	Terpinolene	mg/g	<0,0876
?-Terpinene	mg/g	<0,0876	Trans Nerolidol	mg/g	<0,0876
?-Terpineol	mg/g	<,0250	Valencene	mg/g	0,0505

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