CANNPHARM INTERNATIONAL

Product Intake

Bulk Cannabis Biomass, Flower and Cannabinoid Oil

for development through 2023

Entwicklungsgesellschaft CPharm International mbH • Haydnstraße 55 D-53115 Bonn
phone +49 228 30419010 • email office@cpharm.org • www.cpharm.org • Amtsgericht Montabaur HRB 27786
UStId Nr DE343040173 • Commerzbank Bonn IBAN DE87380400070307045500 BIC COBADEFFXXX

This two-phase process will allow our teams to work together on a legal supply chain. **Phase One** must be completed in its entirety before we will provide approval to move to **Phase two.**

Phase One	Action Items	Description
1	Corporate Registration	Provide corporate documentation - Including office address, Registration Numbers and Officers Full names
2	Signing Officer	Provide passport copy for main signing officers of the company
3	Legal licence	Must include the activities of cultivation, harvesting, processing, packaging, exportation and export licence
4	Cultivation Photographs	GH/Field Production – Nursery, Cultivation, Harvest
5	Facility Photographs (a)	Product drying facility and product holding area (as we have not outlined our packaging requirements)
6	Facility Photographs (b)	approvals for Facility abilities - weigh scales, sq footage, box storage area, vacuum machines, pump trucks, etc.
7	Product Photographs	Provide pictures of the flower and or biomass
8	Location	Distribution location - Proximity to Airport and airport code
9	Full batch COAs of products available	One COA per batch/Strain **(Attached below our COA requirements)** Must be accredited laboratory and approved by
10	Standard Operating Procedures (SOP)	Please provide your SOPs for cultivation, harvesting and drying
11	GAP, GACP, GMP, EU GMP	Full documentation
Phase Two	**Action Items**	**Description**
1	Supply Agreement	Facilitated with the seller and consignee
2	Phytosanitary Certificate	Government Issued
3	Certificate of Origin	Government Issued
4	Corporate Invoice	From your accounting department
5	Packaging SOPs – FLO 013	This is an IDP corporate requirement (**will provide)** – Approval and proof from sellers' side
6	Packaging Declaration	This is an IDP corporate document that the seller will need to sign off on their approved packaging for air freight – wood materials etc.
7	Export Permit	Full product export permit
8	Primary Packaging Information	Weights per bag, dimensions and matching batch COA
9	Carton Packaging Information	Bags per box, weights per box and dimensions

3.2.S.4.1 Specification(s)

Specification Cannabis

Variety: Cannabis

Parameter	Specification	Method reference
Description **(Physical characteristics)**	Brown green clustered apical stems, sugar leaves and female flowers of cannabis single strain_____with a characteristic smell	OMC / Farmalyse BV Version 7.1 / November 28, 2014 (Visual inspection)
Identification CBD (Cannabidiol) CBDA (Cannabidiolic acid) CBN (Cannabinol)	A: *Microscopic properties* B: *HPLC* The retention time of the peaks of CBD and CBDA that appear on the chromatogram of the Test solution during the analysis of the parameter Assay correspond to the retention times of the suitable peaks of of CBD and CBDA on the chromatograms of the Diluted Standard Solutions, prepared at appropriate concentration level, according to the test for simultaneous determination of Assay C: *UV-Vis Spectrophotometry* Spectral characteristics of the peaks of CBD and CBDA that appear on the chromatogram of Test Solution during the analysis of the parameter Assay correspond to the spectral characteristics of the peaks of CBD and CBDA on the chromatograms of the Diluted Standard Solutions, prepared at appropriate concentration level, according to the test for Assay determination (spectral evaluation during elution time with Diode Array detector)	OMC / Farmalyse BV Version 7.1 / November 28, 2014 Ph.Eur 2.2.29 Ph.Eur 2.2.25
Δ^9THC (Tetrahydrocannabinol) Δ^9THCA (Tetrahydrocannabinolic acid)	A: *HPLC* The retention time of the peaks of Δ^9THC and Δ^9THCA that appear on the chromatogram of the Test solution during the analysis of the parameter Assay correspond to the retention times of the suitable peaks of Δ^9THC and Δ^9THCA on the chromatograms of the Diluted Standard Solutions, prepared at appropriate concentration level, according to the test for simultaneous determination of Assay	Ph.Eur 2.2.29

Mycotoxins – Aflatoxin B1 – Total Aflatoxins: B1, B2, G1, G2 – Ochratoxin A	 ≤ 2 mcg/kg ≤ 4 mcg/kg ≤ 20 mcg/kg	 Ph. Eur* 2.8.18 Ph. Eur.* 2.8.22
Heavy metals – Arsenic – Gold – Cadmium – Cobalt – Mercury – Iridium – Nickel – Osmium – Lead – Palladium – Platinum – Rhodium – Ruthenium – Selenium – Thallium – Vanadium	 max. 0.5 ppm < 10 ppm < 0.5 ppm < 0.5 ppm < 0.3 ppm < 10 ppm < 20 ppm < 10 ppm < 0.5 ppm < 10 ppm < 10 ppm < 10 ppm < 10 ppm < 15 ppm < .8 ppm < 10 ppm	 Ph. Eur* 2.4.27
Pesticide residues (mg/kg) - List 2.8.13-1	0.001-0.01 > 0.01-0.1 > 0.1-1 > 1	 Ph. Eur* 2.8.13 USP <561>
Total ash (w/w)	≤ 20.0%	Ph. Eur* 2.4.16
Ash insoluble in hydrochloric acid (mg/100 g)	NMT 1mg	Ph. Eur* 2.8.1

*Current edition

	B: *UV-Vis Spectrophotometry* Spectral characteristics of the peaks of Δ^9THC and Δ^9THCA that appear on the chromatogram of Test Solution during the analysis of the parameter Assay correspond to the spectral characteristics of the peaks of Δ^9THC and Δ^9THCA on the chromatograms of the Diluted Standard Solutions, prepared at appropriate concentration level, according to the test for Assay determination (spectral evaluation during elution time with Diode Array detector)	Ph.Eur 2.2.25
Loss on drying	NMT 10%	Ph. Eur* 2.2.32 (105°C, 2h)
ASSAY (anhydrous basis): CBD (Cannabidiol) CBDA (Cannabidiolic acid) CBN (Cannabinol) Total CBD: (CBD + CBDA x F)	____% ± 20% w/w ____% ± 20% w/w ____% ± 20% w/w ____% ± 20% w/w HPLC – F is factor with value 0.8772 for conversion of the % of CBDA in the test solution to CBD	Ph.Eur* 2.2.29
THC (Tetrahydrocannabinol) THCA (Tetrahydrocannabinolic acid) Total THC: (THC + THCA x F)	____% ± 20% w/w ____% ± 20% w/w ____% ± 20% w/w HPLC – F is factor with value 0.8772 for conversion of the % of THCA in the test solution to THC	Ph.Eur* 2.2.29
Related substances	NMT 0.05%	OMC / Farmalyse BV Version 7.1 / November 28, 2014
Foreign matter (w/w)	NMT 2%	Ph. Eur*2.8.2
Microbiology –Total aerobic microbial count (TAMC) –Total combined yeasts/moulds (TYMC) –Bile-tolerant gram-negative bacteria – Escherichia coli (absence in 1g) –Staphylococcus aureus (absence in 1g) –Salmonella sp. (absence in 10 g)	 NMT 10^4 cfu/g NMT 10^2 cfu/g NMT 10^2 cfu/g Absent Absent Absent	 Ph. Eur*5.1.8 Method Ph.Eur. 2.6.12 and 2.6.13