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# *Certificate of Analysis*

***Product Name:***  Hemp Protein

***Grade:***60

***Ingredient:*** 100% Hulled Hemp Seed

***The Batch Number of Goods:*** 20201221

***Quantity:***2000KGS ***Production date:*** 2020-12-21

***Expiration Date*：**2022-12-20

|  |  |  |  |
| --- | --- | --- | --- |
| ***Parameter/unit*** | ***Testing Result*** | ***Specification*** | ***Method*** |
| ***Organoleptic Date*** |  |  |  |
| Appearance/ Colour | conform | Off-white/Light green  (milled pass through 100 mesh) | Visual |
| Odor | conform | characteristic | Sensory |
| Flavour | conform | characteristic | Sensory |
| ***Physical and Chemical*** |  |  |  |
| Protein (%)  “dry basis” | 60.58 | ≥60 | GB 5009.5-2016 |
| Moisture (%) | 5.70 | ≤8.0 | GB 5009.3-2016 |
| THC（ppm） | ND | ND（LOD 4ppm） | AFVAN-SLMF-0029 |
| ***Heavy Metal*** |  |  |  |
| Lead (mg/kg) | <0.05 | ≤0.2 | ISO17294-2-2004 |
| Arsenic (mg/kg) | <0.02 | ≤0.1 | ISO17294-2-2004 |
| Mercury (mg/kg) | <0.005 | ≤0.1 | ISO13806:2002 |
| Cadmium (mg/kg) | 0.01 | ≤0.1 | ISO17294-2-2004 |
| ***Microbiology*** |  |  |  |
| Total plate count(cfu/g) | 8500 | <100000 | ISO4833-1:2013 |
| Coliform (cfu/g) | <10 | <100 | ISO4832:2006 |
| E.coli(cfu/g) | <10 | <10 | ISO16649-2:2001 |
| Mold(cfu/g) | <10 | <1000 | ISO21527:2008 |
| Yeast(cfu/g) | <10 | <1000 | ISO21527:2008 |
| Salmonella | Negative | Negative in 25g | ISO6579:2002 |
| ***Pesticide*** | Not detected | 图片2_副本Not detected | Internal method,GC/MS  Internal method,LC-MS/MS |

Tested By: Yu Li Stamp:

Approved by: Zhipeng Xu Issuing Date:2020-12-27