

CERTIFICATE OF ANALYSIS

| | | | |
|---------------------|------------------|-------------------------|----------|
| Product Name | Raspberry Ketone | | |
| Cas No | 5471-51-2 | | |
| Batch Number | Aogu20211222 | Manufacture Date | 20211215 |
| Report Date | 20211215 | Expiry Date | 20231214 |

| Item | Specification | Result | Method |
|----------------------------------|---------------------|----------|-------------------------------|
| Basic Product Information | | | |
| Country of Origin | China | Conform | / |
| Marker Compounds | >99.0% | 99.56% | HPLC |
| Organoleptic Data | | | |
| Appearance | crystals | Conform | NLS-QCS-1008 |
| Color | White to off-white | Conform | GB/T 5492-2008 |
| Odor | Characteristic | Conform | GB/T 5492-2008 |
| Taste | Characteristic | Conform | GB/T 5492-2008 |
| Process Data | | | |
| Solvent(s) Used | Ethanol & Water | Conform | / |
| Drying Method | Drying | Conform | / |
| Excipient | None | Conform | / |
| Physical Characteristics | | | |
| Solubility | Soluble in Ethanol\ | Conform | Visual |
| Particle Size (80 mesh) | >95.0% | Conform | GB/T 5507-2008 |
| Moisture | <5.0% | 2.1% | GB/T 14769-1993 |
| Ash Content | <3.0% | 1.3% | AOAC 942.05, 18th |
| Solvent Residue | None | Conform | NLS-QCS-1007 |
| Heavy Metals | | | |
| Total Heavy Metals | <10 ppm | Conform | USP <231>, method II |
| Arsenic | <1.0 ppm | Conform | AOAC 986.15, 18th |
| Lead | <1.0 ppm | Conform | AOAC 986.15, 18th |
| Mercury | <0.5 ppm | Conform | AOAC 971.21, 18th |
| Microbiology | | | |
| Total Plate Count | <1,000cfu/g | 65cfu/g | AOAC 990.12, 18th |
| Total Yeast & Mold | <100cfu/g | 12cfu/g | FDA (BAM) Chapter 18, 8th Ed. |
| E. Coli | Negative | Negative | AOAC 997.11, 18th |
| Salmonella | Negative | Negative | FDA (BAM) Chapter 5, 8th Ed. |

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Shelf Life: 24 months if store under the conditions above and stay in original packaging.

