# Certificate of Analysis

Product Name: Sucralose [56038-13-2] Quantity:2000kgs Test Date:Jul 14th, 2021

Batch No.:20210708 Manufacture Date:Jul 8th, 2021 Expiry Date:Jul 7th, 2023

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| --- | --- | --- | --- |
| **Items** | **Specification** | **Test Result** |  |
| Appearance | White or almost white crystalline powder | Complies |  |
| Particle size | 95% pass through 80 mesh | Pass |  |
| Ident IR | The IR absorption spectrum conform the reference spectrum | Pass |  |
| Ident HPLC | The retention time of the principal peak in the chromatogram of the Assay preparation corresponds to that in the chromatogram of the Standard preparation | Pass |  |
| Ident TLC | The RF value of the principal spot in the chromatogram of the Test solution corresponds to that of Standard solution | Pass |  |
| Assay | 98.0～102.0% | 99.30% |  |
| Specific Rotation | +84.0～+87.5° | +85.98° |  |
| Clarity of Solution | --- | Clear |  |
| PH (10% aqueous solution) | 5.0～7.0 | 6.02 |  |
| Moisture | ≤2.0% | 0.20% |  |
| Methanol | ≤0.1% | Not detected |  |
| Ignited Residue | ≤0.7% | 0.02% |  |
| Arsenic(As) | ≤3ppm | ＜3ppm |  |
| Heavy metals | ≤10ppm | ＜10ppm |  |
| Lead | ≤1ppm | Not detected | |
| Related substances （Other chlorinated disaccharides） | ≤0.5% | ＜0.5% | |
| Hydrolysis products （Chlorinated monosaccharides） | ≤0.1% | Complies | |
| Triphenylphosphine oxide | ≤150ppm | ＜150ppm | |
| Total aerobic count | ≤250CFU/g | ＜20CFU/g | |
| Yeast & Mold | ≤50CFU/g | ＜10CFU/g | |
| Salmonella | Negative | Negative | |
| E. Coli | Negative | Negative | |
| Storage Condition:Store in well closed container, dry and cool place | | | |
| Shelf Life: 2 years while stored in original packing under above stated condition. | | | |
| Conclusion: The product complies with FCC12, EP10, USP43, E955,GB25531 andGB4789 standards. | | | |

Approved： Zhang Ting Inspector：Li Qianhui