

Certificate of Analysis

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|---------------------|---|
| Product Name | Sucralose E955 |
| CAS N°: | 56038-13-2 |
| EINECS N°: | 259-952-2 |
| Chemical Name | 1,6-Dichloro-1,6-dideoxy-β-D-fructofuranosyl-4-chloro-4-deoxy-α-D-galactopyranoside |
| Synonyms | TGS; 4,1',6' – Trichlorogalactosucrose |
| Batch No. | 24071105 |
| Batch Quantity | 1000kg |
| Date of Manufacture | Jul.11,2024 |
| Expiry Date | Jul.10,2026 |
| Sampling Date | Jul.11,2024 |
| Issued Date | Jul.17,2024 |
| Inspection Basis | GB25531\FCC\USP\GB5009.12, 74, 76\GB/T5750.4\GB4789.2, 3, 4, 10, 15, 38 |

| Item | Specification | Test Result | Determination |
|--|---|--------------------------|---------------|
| Identification | (1) IR (2) HPLC (3) TLC | pass test | pass |
| Appearance | Color: White to off-white Smell: Odorless Texture: Crystalline powder | pass test | pass |
| Assay calculated the anhydrous basis % | 98.0 ~ 102.0 | 99.47 | pass |
| Specific Optical Rotation | +84.0° ~ +87.5° | +86.22° | pass |
| Moisture/Water, % | ≤0.5 | 0.15 | pass |
| Residue on Ignition, % | ≤0.2 | 0.030 | pass |
| Hydrolysis Products | Pass test | Pass test | pass |
| Related Substances | Pass test | Pass test | pass |
| Methanol, % | ≤0.1 | <0.01% (Detection limit) | pass |
| Lead, mg/kg | ≤1 | <0.02% (Detection limit) | pass |
| Arsenic (As), mg/kg | ≤3 | 0.23 | pass |
| Heavy Metals (as Pb), mg/kg | ≤10 | <10 | pass |
| pH(100g/L) | 5.0~8.0 | 6.67 | pass |
| Total aerobic count, cfu/g | ≤250 | <10 | pass |
| E. coli, MPN/g | <3.0 | <3.0 | pass |
| Coliforms, MPN/g | <3.0 | <3.0 | pass |
| Saureus /25g | ND | ND | pass |
| Salmonella/25g | ND | ND | pass |
| Yeasts & Moulds, cfu/g | ≤50 | <10 | pass |

Conclusion: Product in conformity with GB25531-2010, current FCC and USP.

Storage and shelf life

Storage: In Keep in cool and dry place, room temperature.

Protect from light and keep container closed.

Avoid contamination from other special smell.

Packing: 25kg

Shelf life: 2 years