



西安绿泉科技有限公司

XI'AN GREEN SPRING TECHNOLOGY CO., LTD.

CERTIFICATE OF ANALYSIS

Product Name: Rutin(NF11)
Botanical Name: *Sophora Japonica L.*
Description: Yellow or greenish-yellow powder with characteristic odor.
Identification: Passes all criteria tests
Batch No 221015
Batch quantity 1500kgs
Analysis Date: Oct 15th.2022
Expiry Date: Oct 15th.2024

| Characters | Specifications(NF11) | Results |
|--|--|------------------------------------|
| Appearance | Yellow or greenish-yellow, crystalline powder | Greenish-yellow crystalline powder |
| Solubility | Practically insoluble in chloroform and ether | Complies |
| | Infinitesimally soluble in cool water | Complies |
| | Sparingly soluble in boiling ethanol and boiling water | Complies |
| | Dissolves in solution of alkali hydroxides | Complies |
| Identification | A.B.C | Complies |
| Loss on drying | 5.5-9.0% | 7.8% |
| Residue on Ignition | ≤0.5% | 0.28% |
| Impurity quercetin | ≤5% | Complies |
| Red pigments | ≤0.004% | Complies |
| Heavy Metal | ≤20ppm | <10ppm |
| Mesh Size | 95% pass 80 mesh | Complies |
| Assay (anhydrous substance) | 95.0%-101.5% | 95.60% |
| Conclusion: the test results conform to NF11 | | |

Storage Shelf

Cool & dry place, Do not freeze. Keep away from strong light and heat.
2 year when properly stored.

Approved by : (Quality Assurance)

