

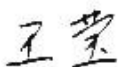
CERTIFICATE OF ANALYSIS

| | |
|---------------------------------|------------------------------|
| Name of Product: L-Sulforaphane | |
| Batch No.: 20180622 | CAS:4478-93-7 |
| Quantity: 5kg | Manufacture date: 2018.06.22 |
| Test date: 2018.06.22 | Retest date: 2020.06.21 |

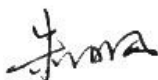
| Test Items | Quality Standard | Test Result |
|----------------------------|--------------------------------|-------------|
| Appearance | Pale yellow oily liquid | Conforms |
| Assay | $\geq 98.0\%$ | 98.7.% |
| Water content | $\leq 2.0\%$ | 0.9% |
| Total Impurities(%) | $\leq 2.0\%$ | 1.38% |
| Largest Single Impurity(%) | $\leq 2.0\%$ | 0.41% |
| Identification by MS | (M.W.): 177.3 | 177.3 |
| Storage conditions | Cool and dry, no more than 26℃ | |

Conclusion: This product conforms to the Enterprise Standard.

Analyst:



Checker:



Supervisor:

