

Certificate of Analysis

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|---|--|------------------|-------------|
| Product Name | BisfluoroModafinil (CRL-40,940) | Quantity | 120KG |
| CAS No. | 90280-13-0 | Batch No. | KUS20230407 |
| Manuf. Date | 2023.04.07 | Test Date | 2023.04.18 |
| Items | | | |
| Standard | Test Results | | |
| Appearance | Off white, crystalline powder with slight pink color to white powder | Conforms | |
| Solubility | Soluble in methanol, slightly soluble in ethylacetate and dichloromethane, almost insoluble in water | Conforms | |
| Identification | | | |
| IR | The infrared absorption spectrum is concordant with the spectrum obtained | Conforms | |
| HPLC | The retention time of main peak of the test and standard are concordant | Conforms | |
| Tests | | | |
| Loss on drying | ≤ 0.5% | 0.34% | |
| Related Substances(HPLC) | Largest single impurity ≤ 0.5% Total impurity ≤ 1.0% | 0.26% 0.42% | |
| Heavy metals | ≤ 20ppm | conforms | |
| Sulphated ash | ≤ 0.1% | 0.05% | |
| Assay(On dried basis) | 98% ~102% | 99.58% | |
| COMMENT: QUALIFIED. THE ITEM TESTED IS IN ACCORDANCE WITH THE NATIONAL STANDARD OF P.R. OF CHINA COMPLETELY. | | | |

ANALYST: 王怀明

CHECKER: 吴晗

Q.C. DIRECTOR:

