



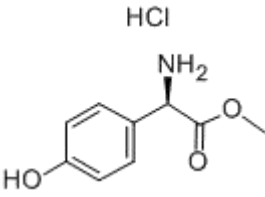
HANGZHOU DINGYAN CHEM CO.,LTD

TEL: 86-571-87157530,86465881,88025800, FAX:86-571-87156470

E-Mail:sales@dingyanchem.com,Web: www.dingyanchem.com

CERTIFICATE OF ANALYSIS

NO: **DYC241909031**

| | |
|--------------------|---|
| Product name | (R)-Amino-(4-hydroxyphenyl)acetic acid methyl ester hydrochloride |
| CAS Number | 57591-61-4 |
| Molecule Structure |  |
| Molecule Formula | C9H12C1N03 |
| Batch number | 20180710 |
| Manuf&Exp. Date | 2018-07-10, 2020-07-10 |
| Testing date | 2019-07-10 |

| Items | Standard | Result |
|-------------------|--|---------------------------------------|
| Appearance | White to off-white microcrystalline powder | White to off-white crystalline powder |
| Assay | 98%min | 99.3% |
| Water | 0.5%max | 0.25% |
| Melting point | 180-190°C | 183-185°C |
| Specific Rotation | -123° - -125° (C=1, HCL) | -124° (C=1, HCL) |
| Absorption value | 0.15max | Qualified |
| Conclusion | The product meets the specification standards. | |

QUALITY CONTROL:

Hangzhou Dingyan Chem Co., Ltd.

Quality Control *Rocky*

Signature(s)

CHECK: 姚仙娟

INSPECTOR: 刘清风