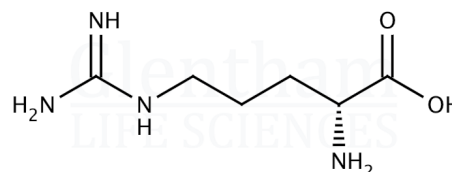


Certificate of Analysis

Product Name D-Arginine
Glentham Code GM7267
CAS Number 157-06-2
EINECS 205-866-5
MDL Number MFCD00063116
PubChem SID 310267013
Batch Number 535MTS

Molecular Weight 174.20
Molecular Formula $C_6H_{14}N_4O_2$
Storage Temp. +20°C



| Property | Specification | Batch 535MTS |
|--|-------------------------------|--------------|
| Physical Description | White to off-white powder | White powder |
| Solubility (5% in water) | Clear, colourless solution | Conforms |
| Specific Optical Rotation ([α] _{20/D}) | -27.2 - -25.2 ° (c=5, 5M HCl) | -26.8° |
| Chloride (Cl) | ≤ 0.1% | Conforms |
| Sulphate (SO ₄) | ≤ 0.2% | Conforms |
| Iron (Fe) | ≤ 10ppm | Conforms |
| Heavy Metals (as Pb) | ≤ 10ppm | Conforms |
| Residue on Ignition | ≤ 0.2% | 0.04% |
| Loss on Drying | ≤ 0.5% | 0.09% |
| Assay | 98.5 - 101.0 % | 99.3% |

Specification Version v1.0
Manufacture Date 2018-01-01
Re-Test Date 2025-07-17

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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