



Jinan Hongfangde Pharmatech Co., Ltd.
Tel:86-531-88870908 Fax:86-531-88873618
sdhfdchem@163.com
www.hfdpharma.com

CERTIFICATE OF ANALYSIS

| | | | |
|-------------------|--|-------------|------------|
| Product name | Gadopentetic acid | | |
| Batch No. | 171200501 | Report Date | 2017-12-26 |
| CAS NO | 80529-93-7 | Expiry date | 2019-12 |
| Molecular formula | C ₁₄ H ₂₀ GdN ₃ O ₁₀ | Quantity | 80kg |

| Inspection Items | Accepted Standard | Results |
|--|---|-----------|
| Appearance | White or off-white crystalline powder,odorless,hygroscopic. | Complies |
| Solubility | Freely soluble in water, practically insoluble in alcohol and acetone. | Complies |
| Identification | The main peak retention time of test solution should comply with working standard | Complies |
| Clarity and colour solution | Clarity and colorless,if colored,compare with NO.1 yellow standard colorimetric solution,no deeper.If turbid, compare with No. 1 turbidity standard solution, not deeper. | Complies |
| Loss on drying | Not more than 6.0% | 2.2% |
| Free DTPA | Not more than 0.05% | Not found |
| pH | 1.0~2.0 | 1.54 |
| Related substance | Not more than 1.0% | 0.20% |
| Assay | 98.0~102.0% | 99.71% |
| Conclusion : Complies to the enterprise standard | | |

Analyst :lixin

Checker:shilijuan

Supervisor :maohongjun

