

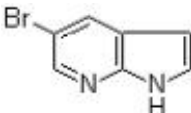
CHINA LANGCHEM INC.

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CERTIFICATE OF ANALYSIS

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| | |
|--------------------------|------------|
| Manufacture Date: | 2009-11-17 |
| Analysis Date: | 2009-11-23 |
| Batch NO.: | 20091117 |

| | |
|--------------------------|--|
| Product ID | 3082 |
| Product Name: | 5-Bromo-7-azaindole |
| Synonyms: | 5-Bromo-1H-pyrrolo[2,3-b]pyridine |
| CAS: | 183208-35-7 |
| Formula: | C ₇ H ₅ BrN ₂ |
| Molecular Weight: | 197.03 |
| Structure: |  |

| | Inspection Standard | Results |
|-----------------------------|---|---------------------|
| Appearance: | Almost white to grey yellow Powder or powder with lumps | Light yellow powder |
| Purity(HPLC) : | 98.50% min | 100.56% |
| Melting Point: | 178-182°C | 179.4-180.2°C |
| Water Content(K.F.): | NMT 0.20% | 0.03% |
| Single Impurity: | NMT 0.20% | 0.03% |
| Storage: | Stored in a cool dry place. | |
| Conclusion: | This product by inspection accords with the standard corporation. | |