

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

| | |
|-------------------------|---------------------------------|
| Catalogue Number | 29873 |
| Product | 4-Bromo-2-fluorobiphenyl |

| | |
|-------------------|--------------------|
| Lot Number | 001932-42-20150430 |
|-------------------|--------------------|

| | |
|-------------------|------------|
| CAS Number | 41604-19-7 |
|-------------------|------------|

| | |
|--------------------------|------------------------------------|
| Molecular Formula | C ₁₂ H ₈ BrF |
|--------------------------|------------------------------------|

| | |
|-------------------------|--------|
| Molecular Weight | 251.09 |
|-------------------------|--------|

| | |
|-------------------|---------------------------------|
| Appearance | Light yellow crystalline powder |
|-------------------|---------------------------------|

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|----------------------|--------------|
| Melting Point | 39.2-40.5 °C |
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|------------------------------------|-------|
| Water Content (Karl Fisher) | 0.25% |
|------------------------------------|-------|

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|---------------------|-------|
| Transmission | 98.4% |
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|--------------------------|-----------------------|
| ¹H NMR | Conforms to structure |
|--------------------------|-----------------------|

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|-----------------------|--------|
| Purity by HPLC | 99.86% |
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|----------------|-----------------|
| Storage | Store at 0-8 °C |
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| Remarks | See material safety data sheet for additional information For laboratory use only |
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The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager