

Chem-Impex International, Inc.

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Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

| | |
|-------------------------|---|
| Catalogue Number | 27944 |
| Lot Number | 001592-20121127-1 |
| Product | 3-Nitro-4-methyl benzoic acid methyl ester |

3-Nitro-*p*-toluic acid methyl ester

Methyl 4-methyl-3-nitrobenzoate

| | |
|-------------------|-----------|
| CAS Number | 7356-11-8 |
|-------------------|-----------|

| | |
|--------------------------|---|
| Molecular Formula | C ₉ H ₉ NO ₄ |
|--------------------------|---|

| | |
|-------------------------|--------|
| Molecular Weight | 195.17 |
|-------------------------|--------|

| | |
|-------------------|------------------------------|
| Appearance | Off-white crystalline powder |
|-------------------|------------------------------|

| | |
|----------------------|--------------|
| Melting Point | 46.2-47.8 °C |
|----------------------|--------------|

| | |
|------------------------------------|-------|
| Water Content (Karl Fisher) | 0.36% |
|------------------------------------|-------|

| | |
|---------------|-------|
| Purity | 99.1% |
|---------------|-------|

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|----------------|-------|
| Storage | 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