

# Specification

## Technical Data Sheet

|                     |  |
|---------------------|--|
| <b>Product Name</b> | 1-Octanesulfonic acid sodium salt for HPLC |
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|                   |          |
|-------------------|----------|
| <b>Product No</b> | 18122348 |
|-------------------|----------|

|                   |           |
|-------------------|-----------|
| <b>CAS Number</b> | 5324-84-5 |
|-------------------|-----------|

|                            |         |
|----------------------------|---------|
| <b>Storage Temperature</b> | Ambient |
|----------------------------|---------|

|                         |        |
|-------------------------|--------|
| <b>Molecular Weight</b> | 216.27 |
|-------------------------|--------|

### Specification

|                   |              |
|-------------------|--------------|
| <b>Appearance</b> | White powder |
|-------------------|--------------|

|                       |        |
|-----------------------|--------|
| <b>Loss on Drying</b> | ≤ 2.0% |
|-----------------------|--------|

|                      |             |
|----------------------|-------------|
| <b>Melting Point</b> | 299 - 301°C |
|----------------------|-------------|

|              |         |
|--------------|---------|
| <b>Assay</b> | ≥ 98.0% |
|--------------|---------|

|                                   |           |
|-----------------------------------|-----------|
| <b>PH (10% solution in water)</b> | 5.5 - 7.5 |
|-----------------------------------|-----------|

|   |          |
|---|----------|
| <b>Suitable for ion pair chromatography</b> | Conforms |
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## Specification

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**UV 250nm**  $\geq 98.0\%$

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**Identity (IR)** Conforms to structure

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**UV 200nm**  $\geq 70.0\%$

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**UV 220nm**  $\geq 90.0\%$

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