

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 | 01227 |
| Lot Number | 000331-34653 |
| Product | Calcium carbonate |

| | |
|-------------------|----------|
| CAS Number | 471-34-1 |
|-------------------|----------|

| | |
|--------------------------|-------------------|
| Molecular Formula | CaCO ₃ |
|--------------------------|-------------------|

| | |
|-------------------------|-------|
| Molecular Weight | 100.1 |
|-------------------------|-------|

| | |
|-------------------|--------------|
| Appearance | White powder |
|-------------------|--------------|

| | |
|-------------------|--------------------|
| Solubility | Insoluble in water |
|-------------------|--------------------|

| | |
|----------------------|------------------|
| Melting Point | 825 °C (Approx.) |
|----------------------|------------------|

| | |
|---------------------|-------------------|
| Heavy Metals | < 0.0002% (as Pb) |
|---------------------|-------------------|

| | |
|--------------|---|
| Anion | Chloride (Cl ⁻): < 0.001% Fluoride (F ⁻): < 0.0005% Sulfate (SO ₄ ²⁻): < 0.01% |
|--------------|---|

| | |
|---------------|--|
| Cation | Ammonium (NH ₄ ⁺): < 0.003% Potassium (K): 0.003% Sodium (Na): < 0.1% Magnesium (Mg): 0.0076% Iron (Fe): < 0.001% Barium (Ba): < 0.01% Strontium (Sr): < 0.1% |
|---------------|--|

| | |
|------------------|-------------------------------------|
| Insoluble | < 0.01% in dilute hydrochloric acid |
|------------------|-------------------------------------|

| | |
|---------------------------|--------------------------|
| Assay by titration | 99.07% (anhydrous basis) |
|---------------------------|--------------------------|

| | |
|--------------|-------------|
| Grade | ACS reagent |
|--------------|-------------|

| | |
|--------------------|--|
| Application | Determining halogens in organic compounds. |
|--------------------|--|

| | |
|----------------|-------------|
| Storage | Store at RT |
|----------------|-------------|

Certificate of Analysis

Catalog Number: 01227

Lot Number: 000331-34653

Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

Bala Kumar
Quality Control Manager