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## Typical Product Specifications & Properties

# Antacid Compound - HYDROTALCITE C300

CAS Number: : 12304-65-3

| Specifications                  | Limits                                                 |
|---------------------------------|--------------------------------------------------------|
| Bulk Density, tapped            | 0.3 - 0.5 g/ml                                         |
| As                              | 5 ppm max.                                             |
| Rosett - Rice titration         | Min. 30 minutes                                        |
| Na                              | 0.5% Max.                                              |
| Bulk density, loose             | 0.2 - 0.4 g/ml                                         |
| Acid Neutralizing Capacity, USP | min. 26 meq/ g                                         |
| Loss on Drying (105°C/ 2h)      | Approx. 6%                                             |
| Assay                           | 14.4-19.4% Al <sub>2</sub> O <sub>3</sub> 34-45.0% MgO |
| Cl                              | 0.28% Max.                                             |
| Ph - stat test                  | min. 110 ml/ 170ml/ 250 ml 0.1 n HCl                   |
| SO <sub>4</sub>                 | 0.72% Max.                                             |
| Heavy Metals                    | 30 ppm max.                                            |



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| Specifications   | Limits     |
|------------------|------------|
| pH               | 8.0 - 10.0 |
| Molecular weight | 603.98     |



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