

Material Technical Data Sheets (MTDS)

Update: October 08

A2100

PRS - USP

ascorbic acid crystal (c vit)

C Vitamine, L-(+) Ascorbic acid, E300

| | |
|------------------------------------|--|
| Aspect | Solid white crystalline |
| Formula | C ₆ H ₈ O ₆ |
| CEE | |
| CAS | 50-81-7 |
| Merck Index | 11, 855 |
| M | 176,13 |
| Assay | 99,0 - 100,0 % |
| Heavy metals | max 3 ppm |
| Copper | max 5 ppm |
| Iron | max 2 ppm |
| Arsenic | max 3 ppm |
| Mercury | max 2 ppm |
| Lead | max 2 ppm |
| Oxalic acid | max 0,2 % |
| Sulphated ashes | max 0,1 % |
| Organic volatile impurities | Corresp. USP |
| Melting point | 191 - 192 °C |
| pH (5 % solution) | 2,2 - 2,5 |