



# Caffeine anhydrous

Synonyms:

1,3,7-Trimethylxanthine

C8H10O2N4

Classification

Danger

Molecular weight 194.19 ONU



CAS 58-08-2 Transport hazard class:

EEC-N: 200-362-1 Packing

Caffeine anhydrous

> ERBApharm - According to pharmacopoeia :  
Ph.Eur.-USP-FU-Ph.Franc.-BP-DAB

Pharmaceutical

|                                 |                          |         |
|---------------------------------|--------------------------|---------|
| Description                     | White crystalline powder | -       |
| Identification                  | Positive                 | -       |
| Appearance of solution          | Conform*                 | Ph.Eur. |
| Acidity                         | Conform*                 | Ph.Eur. |
| Related substances              | Conform*                 | Ph.Eur. |
| Readily carbonizable substances | Conform*                 | USP-NF  |



|                      |               |          |
|----------------------|---------------|----------|
| Other alcaloids      | Conform*      | USP-NF   |
| Melting point        | 235 - 239*    | ?C       |
| Loss on drying       | <= 0.5        | %        |
| Sulfated ashes       | <= 0.1*       | %        |
| Heavy metals (as Pb) | <= 10*        | ppm      |
| Sulfate              | <= 500*       | ppm      |
| Impurities (HPLC)    | <= 0.1*       | %        |
| Assay (on dry)       | 98.5 - 101.0  | % (d.s.) |
| Assay (HPLC)         | 98.5 - 101.0* | % (d.s.) |

| ID                 | Size  | Packaging      |
|--------------------|-------|----------------|
| 000000000000326357 | 1 kg  | Plastic bottle |
| 000000000000326358 | 25 kg | Plastic bucket |
| 000000000000326356 | 500 g | Plastic bottle |



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