# PENTAERYTHRITOL-NITRATION

## Description

- Pentaerythritol Nitration Grade is of high purity and controlled particle size
- White Crystalline material
- Polyhydric alcohol containing four primary hydroxyl groups

## Applications

- Designed for Nitration

## Packing forms

- Bags 25 Kg, 900 Kg/pallet
- Antistatic Type C Jumbo bags 500 Kg
- Antistatic Type C Jumbo Bags 1000 Kg

## Sales specification

| | |
|---|---|
| Monopentaerythritol content, %[1] | 98.70-99.30 |
| Hydroxyl number, mg KOH/g[2] | 1630-1650 |
| Ash content (as $Na_2SO_4$), %[3] | Max 0.05 |
| Water content, %[4] | Max 0.20 |

## Typical properties

| | |
|---|---|
| Di-pentaerythritol content, %[1] | 0.50-1.10 |
| Melting point (final), °C[6] | 260 |
| Sieve analysis:[5] | |
| Particle size < 1.0 mm, % | >98 |
| Particle size < 0.150 mm, % | <5 |

### Analytical Method

1 P 22a-(PC-b-15)-1, 2 P 22b-3a, 3 P 22b-4, 4 P 22b-1, 5 P 22b-14, 5 P 22b-14, 6 P 22a-2

Analytical methods are available on request

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