



UNISOURCE CHEMICALS PRIVATE LIMITED

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AN ISO 9001:2015 & GMP CERTIFIED COMPANY

Product Information

TECHNICAL DATA SHEET / Specification Sheet

O-Cresolphthalein complexone

| | |
|-------------------|--------------------------------|
| Product Name | : O-Cresolphthalein complexone |
| Synonym | : Phthalein purple |
| Molecular Formula | : $C_{32}H_{32}N_2O_{12}$ |
| Molecular Weight | : 636.62 |
| CAS No. | : 2411-89-4 |
| Shelf Life | : 5 years |

Technical Specification

| | |
|-----------------------|-------------------------------------|
| Appearance | : White to pink powder |
| Solubility | : Soluble in 0.1 M sodium hydroxide |
| Melting Point | : 181 - 185°C (dec.) |
| FTIR (KBr disc) | : Matches with the standard pattern |
| Absorption maximum | : 570 - 580 nm |
| (20 ppm in 0.1M NaOH) | |

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