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Product Specification

Product Name:

Zirconium(IV) oxide - nanoparticles, dispersion, <100 nm particle size (BET), 10 wt. % in H₂O

Product Number:

643025

CAS Number:

1314-23-4

MDL:

MFCD00011310

Formula:

O₂Zr

Formula Weight:

123.22 g/mol

**TEST****Specification**

| | |
|-----------------------------------|--------------------|
| Appearance (Color) | White to Off-White |
| Appearance (Form) | Liquid |
| ICP: Confirms Zirconium Component | Confirmed |
| Loading | 9.0 - 11.0 % wt |
| pH | Conforms |
| 4 to 5 | |
| Surface Area | |
| Specification: Report Results | |
| Average Particle Size | ≤ 100 nm |
| (BET) | |
| Product of Supplier | Confirmed |
| Engi-Mat Co. | |

Specification: PRD.4.ZQ5.10000040175

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.