

Certificate of Analysis

Date of Testing: 2023-09-14 15:54:49
Date of Next Testing: 2025-09-13 15:54:49
Product Name: **Gadolinium(III) trifluoromethanesulfonate**
CAS Number: 52093-29-5
Specifications & Purity: $\geq 98\%$
Lot #: K2118204
SKU #: **G138943**
Analysis: **276277**

| Parameter | Limit Values | Result |
|----------------------------------|---------------------------------------|---------------------------------------|
| Purity(Complexometric titration) | 97.5-102.5 (%) | 99.52 % |
| GD(Complexometric titration) | 25.3-26.7 (%) | 25.38 % |
| Appearance (G138943) | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



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QA & QC Manager