



CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email: orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

Catalogue Number: C145680

CAS Number: 10101-41-4

Product: Calcium Sulfate Dihydrate

Synonym: Sulfuric Acid Calcium Salt (1:1) Dihydrate; Annaline; Calcigen; Calcium Sulfate (1:1) Dihydrate; Calcium Sulfate (CaSO₄) Dihydrate; Calcium Sulfate Dihydrate; Calcium Sulfate Dihydrate (CaSO₄·2H₂O); Compactrol; Gypsum Dihydrate; Mineral White

Structure: $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$

Molecular Formula:

O₄SCa•2[H₂O]

Molecular weight:

172.17

Source of Product:

N/A

Solubility:

Water

Lot Number: 3-SCZ-70-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White Solid
Elemental Analysis	Conforms	%H: 1.81
Calcium Content	Report Result	22.85% by Ion Chromatography
Water Content	Report Result	20.1% by Karl Fischer

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Neha Khanna	Toni Rantanen	Chanell Chu	2/28/2022	2/26/2026