## **Certificate of Analysis**

Product Name: Kovar Powder (Iron-nickel-cobalt)

**Size**: 08/14/2023

Catalog Number: NC4677

**Date**: 08/14/2023

| Date. | 00/14/2023 | :   | ;  |    | ;   | : |         | :   | : |    |
|-------|------------|-----|----|----|-----|---|---------|-----|---|----|
| 1     | Purity     | ,   | ,  |    | 1   | , | wt%     | ,   | , |    |
|       | Ni         |     |    |    |     |   | 29      |     |   |    |
| 1,    | Co         |     | ': | 1, | '   | 1 | 17:,    |     | ' | 1. |
|       | Fe         |     |    |    |     | Е | Balance |     |   |    |
|       | С          |     |    |    |     |   | 0.02    |     |   |    |
|       | Si         |     |    |    |     |   | 0.20    |     |   |    |
|       | Mn         | 1.1 |    |    | 1.1 | 1 | 0.30    | 1.1 |   |    |

Note 1: Values are given in ppm unless otherwise specified

Note 2: All Figures above are weight for weight as determined by ICP