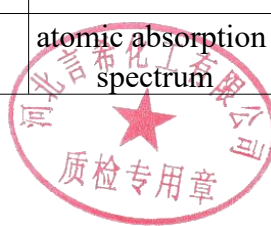




HEBEIYANXI CHEMICAL CO., LTD

CERTIFICATE OF ANALYSIS

| Batch No. | 231225 | No. | 17 T | Sampling Position | warehouse |
|--|----------------|-----------------|-----------------|----------------------------|-----------|
| Technical Base | HG/T 2032-1999 | | Date of Survey | 2024年01月15日 | |
| Date of Report | 2024.01.16 | | | | |
| Item | Unit | Specification | Result | Method | |
| Appearance | | Fuchsia crystal | Fuchsia crystal | | |
| Molecular weight | | 249.01 | 249.01 | | |
| cobalt | wt% | ≥ 23.5 | 23.6 | HG/T2032-1999 | |
| Insoluble matter in water | ppm(wt) | ≤ 100 | 42.21 | HG/T2032-1999 | |
| Chloride (Cl) | ppm(wt) | ≤ 20 | <10 | HG/T2032-1999 | |
| Sulfates (measured in SO ₄) | ppm(wt) | ≤ 100 | <50 | HG/T2032-1999 | |
| Fe | ppm(wt) | ≤ 10 | 1.16 | atomic absorption spectrum | |
| nickel | ppm(wt) | ≤ 800 | 4.76 | atomic absorption spectrum | |
| Heavy metals (copper) | ppm(wt) | ≤ 10 | 0.26 | atomic absorption spectrum | |
| Alkali metals and alkaline earth metals | ppm(wt) | ≤ 300 | 28.52 | atomic absorption spectrum | |
| Nitrate (in NO ₃) | ppm(wt) | ≤ 500 | <50 | HG/T2032-1999 | |
| zinc (Zn) | ppm(wt) | ≤ 200 | 0.35 | atomic absorption spectrum | |
| <p>Conclusion: Conform</p>  | | | | | |