

Chem-Impex International, Inc.

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Certificate of Analysis

| | |
|--------------------------|---|
| Catalogue Number | 00796 |
| Product | Arsenazo III free acid high grade |
| Lot Number | 000559-0778290001 |
| CAS Number | 1668-00-4 |
| Molecular Formula | C ₂₂ H ₁₈ As ₂ N ₄ O ₁₄ S ₂ |
| Molecular Weight | 776.374 |

| | |
|-------------------------------|--|
| Appearance | Dark brown solid |
| Cation | Lead (Pb) : 0.65 ppm Cadmium (Cd) : Not detected Calcium (Ca): 37.03 ppm Chromium (Cr) : Not detected Iron (Fe) : 31.81 ppm Copper (Cu) : 0.08 ppm Magnesium (Mg) : 0.81 ppm Manganese (Mn) : Not detected Nickel (Ni) : Not detected Tin (Sn) : Not detected |
| Loss on Drying | 5.6% (120 °C) |
| Sulfated Ash | < 0.1% |
| Purity by HPLC | 94.9% |
| Grade | High grade |
| Storage | Store at RT |
| Additional Information | Specific Extinction (1%/1cm, in water) : 425.2 Maximum of absorption (In Water) : 535.5 nm Specific Extinction (1%/1cm, in buffer pH-10) : 365 Maximum of Absorption (in buffer pH-10) : 572.5 nm |

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager