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Certificate of Analysis

Catalogue Number 32527
Lot Number 002917-139
Product **Strychnine**

(-)-Strychnine

CAS Number 57-24-9
Molecular Formula C₂₁H₂₂N₂O₂

Molecular Weight 334.41

Appearance White crystalline powder

Solubility Soluble in water (1 in 7000), boiling water (1 in 2500),
Alcohol 90% (1 in 150), boiling Alcohol (1 in 12),
Chloroform (1 in 6)

**Readily Carbonizable
Substance** Dissolve 0.25g in 5ml Sulfuric Acid not more than a faint
Yellow color is produced

Ash 0.04%

Assay by titration 99.7%

Storage Store at RT

Additional Information Brucine : Free
Identification:

A) To 0.1 g add 3ml of H₂SO₄ containing 1% Ammonium Vanadate. A
deep violet Blue color changes to deep purple, on dilution with water it
changes to Cherry Red color, which persists for some time.

B) Dissolve a small fragment in 2 or 3 drops of H₂SO₄ on a white
porcelain plate and pass a small crystal of K₂Cr₂O₇ slowly through the
solution, and intense violate colour is produced, which changes through
Yellow to Red color.

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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