

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Iodine,AR,99.8%

ITEM NUMBER: I116350
BRAND: Aladdin
CAS NUMBER: 7553-56-2
MDL NUMBER: MFCD00011355
FORMULA: I₂
MOLECULAR WEIGHT: 253.81

| TEST | SPECIFICATION | | TARGET VALUE |
|-----------------------|---|--------|--------------|
| | MIN. | MAX. | |
| Appearance | Grey to Very Dark Grey Beads or Flakes | | |
| Assay | 99.8 % | 100 % | 100 % |
| Non-volatile residue | 0 % | 0.05 % | 0.05 % |
| solubility in Ethanol | Dark Orange to Brown or Brown-Orange,50 mg/ml | | |