



Specification

1-Adamantanecarboxylic Acid

Catalog Number: AC1015
CAS Number: 828-51-3
Synonyms: Adamantane-1-carboxylic acid
Molecular Formula: C₁₂H₁₆O₂
Molecular Weight: 180.25

| Test | Specification |
|---|--------------------------|
| Description: | White crystalline powder |
| Assay (Titration): | 98.5% - 101.5% |
| Melting Range: | 172-174 Deg. C |
| Loss on drying P ₂ O ₅): | 2.5% Maximum |
| Identification: (IR Spectrum) | Complies to standard |
| Clarity of solution: (10% in Ethanol) | To pass test |
| Sulfated ash: | 0.10% Maximum |

Approved:

Date: March 9, 2020

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