



Specification

Ammonium Dichromate ACS

Catalog Number: AD1009
CAS Number: 7789-09-5
Synonym(s): Ammonium Bichromate
Molecular Formula: $(\text{NH}_4)_2\text{Cr}_2\text{O}_7$
Molecular Weight: 252.07
Storage: 15°C – 30°C, Strong Oxidizer
Retest Period: Three years from date of manufacture

Test	Specification
Appearance	Orange-red crystals
Assay (Anhydrous)	≥ 99.5%
Identification	To pass test
Melting Point	~170°C
Insoluble Matter	≤ 0.005%
Moisture (LOD)	≤ 3.0%
Calcium	≤ 0.002%
Chloride	≤ 0.005%
Iron	≤ 0.002%
Sodium	≤ 0.005%
Sulfate	≤ 0.01%
Solubility (5% in Water)	Clear, red-orange solution
pH (5%)	3.5 – 5.0

Approved:

Date: May 18, 2015

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