



Certificate of Analysis

Ammonium Dichromate ACS

Catalog Number: AD1009
Lot Number: 0617601r1
CAS Number: 7789-09-5
Molecular Formula: $(\text{NH}_4)_2\text{Cr}_2\text{O}_7$
Molecular Weight: 252.07
Storage: 15°C – 30°C, Strong Oxidizer
Date of Manufacture: February 25, 2016
Retest Date: February 24, 2019 (new retest date)

Test	Specification	Result
Appearance	Orange-red crystals	Conforms
Assay (Anhydrous)	≥ 99.5%	99.85%
Identification	To pass test	Conforms
Insoluble Matter	≤ 0.005%	0.0025%
Moisture (LOD)	≤ 3.0%	0.42%
Calcium	≤ 0.002%	0.0015%
Chloride	≤ 0.005%	< 0.005%
Iron	≤ 0.002%	0.0008%
Sodium	≤ 0.005%	0.0035%
Sulfate	≤ 0.01%	< 0.01%
Solubility (5% in Water)	Clear, red-orange solution	Conforms
pH (5%)	3.5 – 5.0	3.74

Approved by:

Date: April 10, 2017

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