



## Certificate of Analysis

### 2,4-Dichlorophenoxyacetic Acid

**Catalog Number:** DA1001  
**Lot Number:** 0714601r1  
**CAS Number:** 94-75-7  
**Synonym(s):** 2,4-D  
**Molecular Formula:**  $C_8H_6Cl_2O_3$   
**Molecular Weight:** 221.04  
**Storage:** 15°C – 30°C  
**Retest Date:** July 14, 2019 (new retest date)

Test	Specification	Result
Appearance	White to light yellow powder	Conforms
Assay	$\geq 98\%$	98.2%
Identification (FTIR)	To match reference spectra	Conforms
Solubility (50mg/ml EtOH)	Clear to hazy	Clear & colorless
Moisture (KF)	$\leq 0.5\%$	0.1%
Insoluble Material	$\leq 0.1\%$ (in acetone)	0.1%
Related Substances (Free Phenol)	$\leq 0.1\%$	0.1%

Approved by:

Date: May 21, 2018

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