



## CERTIFICATE OF ANALYSIS

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### 1. Identification

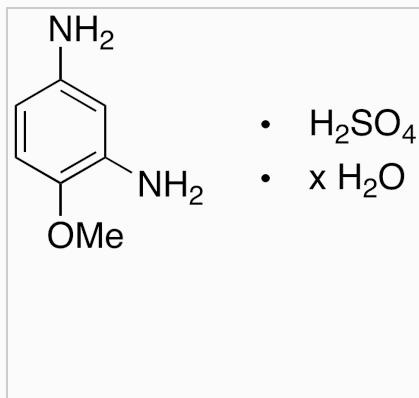
**Catalogue Number:** D416070

**CAS Number:** 123333-56-2

**Product:** 2,4-Diaminoanisole Sulfate Hydrate

**Synonym:** 4-Methoxy-1,3-benzenediamine Sulfate Hydrate; 4-Methoxy-1,3-phenylenediamine sulfate; 4-Methoxy-m-phenylenediamine Sulfate Hydrate; BASF Ursol SLA Hydrate; C.I. 76051 Hydrate; C.I. Oxidation Base 12A Hydrate; Durafur Brown MN Hydrate; Fouramine BA Hydrate; Fournine 76 Hydrate; Fournine SLA Hydrate; Furro SLA ; Nako TSA Hydrate; Pelagol BA Hydrate; Pelagol Grey SLA Hydrate; Pelagol SLA Hydrate; Renal SLA Hydrate; Ursol SLA Hydrate; Zoba SLE Hydrate;

**Structure:**



**Molecular Formula:**

$\text{C}_7\text{H}_{10}\text{N}_2\text{O} \cdot (\text{H}_2\text{O}_4\text{S}) \cdot x(\text{H}_2\text{O})$

**Molecular weight:**

$138.17 + (98.08) + x(18.01)$

**Source of Product:**

N/A

**Solubility:**

DMSO (Slightly), Methanol (Slightly)

**Lot Number:** 2-LAH-23-1

**Purity:** 97%

**Shipping Condition:** This Product Is Stable To Be Shipped At Room Temperature

**Storage Condition:** 4°C

### 2. Warning

**Warning 1:**

**Warning 2:**

**Warning 3:**

### 3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Pale Red to Light Purple Solid	Pale Red to Pale Purple Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 28.83, %H: 6.34, %N: 9.43
HPLC Purity		99.90% (220 nm)
MS	Conforms to Structure	Conforms
Water Content	Report Result	18.8% by Karl Fischer

**Additional Information:** N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of  $\pm 2\%$ . Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

### 4. Signatures

**Reviewed By**

Evan Burns

**Reviewed By**

Toni Rantanen

**C of A Approved  
By**

Chanell Chu

**Test Date**

8/6/2022

**Retest Date**

8/4/2026