



## Certificate of Analysis

### Adenine HCl Hydrated

**Catalog Number:** AH1004  
**Lot Number:** 0529802  
**CAS Number:** 6055-72-7  
**Synonym(s):** 6-Aminopurine hydrochloride hydrate  
**Molecular Formula:**  $C_5H_5N_5 \cdot HCl \cdot xH_2O$   
**Molecular Weight:** 171.59 (Anhydrous)  
**Storage:** 15°C – 30°C  
**Date of Original Assay:** April 5, 2018  
**Retest Date:** April 4, 2020

Test	Specification	Result
Appearance	White to off-white powder	Conforms
Purity	≥ 98.0%	99.45%
Identification (IR)	To match standard	Conforms
Moisture (LOD)	≤ 5.0%	1.8%
Heavy Metals	≤ 20ppm	< 20ppm

Approved by:

Date: May 31, 2018

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