PHARMA DEVILS

QUALITY CONTROL DEPARTMENT

ANALYTICAL SPECIFICATION FOR TARTRAZINE

Manufacturer Name:		**Supplier Name:**	
Manufacturer's Batch No.:		**Manufacturer's Batch Size:**	
Manufacturing Date:		**Expiry Date:**	
Quantity Received:		**Test Quantity:**	
Document No.:	**Effective Date:**	**Change Control No.: N/A**	
Control No./ A.R. No.:		**Retest Date:**	

Reference: In House

Description: Yellow powder.
Complies/Does Not Comply

Solubility: Soluble in water (1 in 10-30)
Complies/Does Not Comply

SNo.	Test	Reference	Result	Specification	Remark
1.	**Combine ether extract**	IH		Not More Than 0.3 %	
2.	**Subsidiary dyes**	IH		Not More Than 3.0 %	
3.	**Loss on drying at 105°C**	IH		Not More Than 10.0 %	
4.	**Sodium chloride** ▶			Sum of total content of Sodium chloride, Sodium sulphate and Volatile matter is Not More than 15.0 %	
5.	**Sodium sulphate**				
6.	**Volatile matter at 135°C** ▶				
7.	**Water insoluble matter**	IH		Not More Than 0.5 %	
8.	**Arsenic**	IH		Not More Than 0.0003 %	
9.	**Lead**	IH		Not More Than 0.001 %	
10.	**Colour Test** **1. Water** **2. Acid** **3. Alkali**	IH		1. Golden yellow 2. Golden yellow 3. Reddish yellow	
11.	**Total dye content as $C_{37}H_{34}N_2Na_2O_9S_3$ (on dry basis)**	IH		Not Less Than 85.0 %	

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Raw Data Reference :

Analyst Name:

Analyst Name:

Analyst Name:

Analyst Hard Book No.: **Page No.:**

Analyst Hard Book No.: **Page No.:**

Analyst Hard Book No.: **Page No.:**

Results: Sample Conforms / Does Not Conform to Specification

Analyzed By : _____ **Date :** _____

Checked By : _____ **Date :** _____

Approved By : _____ **Date :** _____